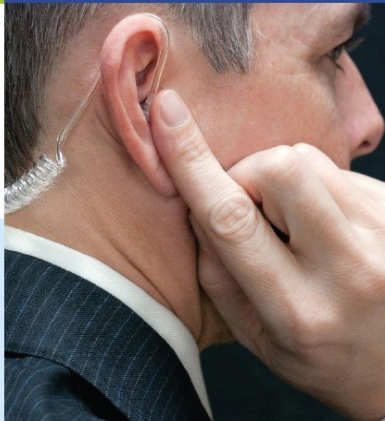




Product Catalogue



OTTO
Expect Excellence.

PANORAMA  ANTENNAS

 **alfatronix**
POWER. NO COMPROMISE.

SALES TEL: 01327 301090 FAX 01327 705171



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Many of our current customers have requested their company details to be placed on the labels of the goods they order from Axess. With our current labelling software we are able to take your company logo and details and design a quality label specific to your requirements.

If you are interested in 'own branding' then please contact our sales team to discuss further.
(Note: Own branded orders must be same day despatch) **received before 3pm to ensure**

YOUR LOGO HERE
01234 567890
 (EXAMPLE)

CE  RoHS



DELIVERY CHARGES

Order value (excluding VAT)	Carriage Charge	Carrier	Exception
Up to £100.00	£5.95	Next Day Courier	Next day delivery will be between the hours of 8am - 6pm . If this is not acceptable a 'timed' service should be requested. For some areas of Scotland and Cornwall delivery is guaranteed within 2 working days.
£100.00 - £250.00	£9.95	Next Day Courier	As above
£250 - £750	£11.95	Next Day Courier	As above
£750 plus	Free of Charge	Next Day Courier	As above

All prices are for parcels up to 10kg

UK Mainland	£40.85	Pre 9am Delivery	Courier
UK Mainland	£25.30	Pre 12pm Delivery	Courier
Scottish Highlands	£32.95	Next Day Delivery	Courier
Offshore/ Scottish Isles	£74.95	Next Day Delivery	Courier
UK Mainland	£39.75	Saturday Pre 1pm Delivery	Royal Mail / Courier

OVERSEAS CARRIAGE (incl Northern Ireland) & **ORDERS FOR SINGLE CELL AND SEALED LEAD BATTERIES**
WILL BE CHARGED AT COST, BASED ON PARCEL WEIGHT.

Please note: - should a delivery be attempted and carded due to the premises being closed, then any subsequent redelivery attempts made by our courier are chargeable.

Any redelivery charges will need to be the responsibility of the customer.

These cases have been minimal since a majority of deliveries are successfully delivered in the first instance.

We appreciate your co-operation and understanding in this matter.

BATTERIES PMR

AEG/MATRA

TELEPORT 9S, 10	7.2V 7.2V	1450mAh 1650mAh	NiMH NiMH		AT53711N AT53711N-16
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ALAN

HP105, HP405, HP446 (BP0513)	7.2V	1450mAh	NiMH with spring belt clip		AAN-BP0513N
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ASCOM

SE10, SE40, SE140, SE110, FUG1b	7.2V	1650mAh	NiMH		AAK-141-16
SE160	7.2V 7.2V	2150mAh 2700mAh	NiMH NiMH		AAK161N AAK-161N-27

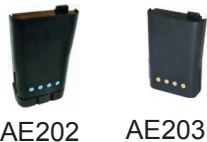
BOSCH (ALSO SEE ASCOM)

HFG16B, HFG88, HFG168, HFG458	7.2V	1650mAh	NiMH		AAK-141-16
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CLEARSTONE/ERICSSON

NP6, BP7, CH600, CH620, CH650 ERICSSON P20, P40 (BP6)	12V	800mAh	NiMH		AE-204N
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ERICSSON / GENERAL ELECTRIC

ERICSSON, COMNET, GE M-RK I/II (19A149838P1, 344A3278P2)	7.2V 7.2V 7.2V	1450mAh 1650mAh 3000mAh	NiMH NiMH NiMH		AE9838N AE9838N-16 AE3278N
ERICSSON JAGUAR 700P, 700PL, 710P, 7100, P5100 BKB191210, 3 BKB191210, 4 HTPA7W	7.5V	2700mAh	NiMH		AE2104N
ERICSSON LPE200, GE PRISM, KPC-300, KPC-400, LPE400 (BKB191202, BKB191203)	7.2V 7.2V	2000mAh 2700mAh	NiMH NiMH	 AE202 AE203	AE203N Grey AE202N Black
ERICSSON P400, G E M-PA, M-PD, MTL, PLS, TPX (19A704850P7, 19A704860P7)	7.2V	2000mAh	NiMH		AE8507NiMH
ERICSSON PCS (19A705293P1)	7.2V 7.2V	2100mAh 2700mAh	NiMH NiMH		AE2931N AE2931N-27
NIROS RX8008 PLUS (8701)	8.4V	880mAh	NiMH		AE8071N

BATTERIES PMR

HYTERA

TC366 (TB89)	7.4V	1500mAh	NiMH		AHYT-TC366
TC-265, TC265S, TC268, TC268S, TC365, TC365S, TC368, TC368S (TC-86)	7.2V	1400mAh	NiMH		AK-KNB14N CHKNB14
TC286S	7.5V	1500mAh	NiMH		AHYT-TB86
TC446, TC500 (BH1104)	6.0V	1200mAh	NiMH		AHYT-TC446 CHTC500
TC518, TC580, TC446S, TC508 (BL1102) (BL2003)	7.4V	1200mAh	Li-ion		AHYT-TC518
TC600	7.4V	1200mAh	Li-ion		AHYT-TC600
TC610, TC620, TC618, TC626, Power 446 (BL1204) (BL2001)	7.4V	1200mAh	Li-ion		AHYT-TC610
TC700, TC780 (BL1703) (BL2102) (BH1801)	7.4V	1800mAh	Li-ion		AHYT-TC700
PD405, PD415, PD505, PD6XX (BL1502)	7.4V	1450mAh	Li-ion		AHYT-PD605 CHPD705
PD705, PD755, PD780, PD782, PD785 (BL2006, BL2008)	7.4V	2000mAh	Li-ion		AHYT-PD705 CHPD705
TC1688	3.6V	1300mAh	NiMH		AHYT-TC1688
TC3000, TC3600 (TB64) <i>(please advise whether 2 or 3 contacts required)</i>	7.4V	1800mAh	Li-ion		AHYT-TC3000
PT580H	7.4V	1800mAh	Li-ion		AHYT-PT580H CHPD705
X1E, X1P, Z1P (BL1401, BL1809)	7.4V	1800mAh	Li-ion		AHYT-X1E

ICOM

IC-F30, IC-F30, IC-F40, CM-140, CM-142 (BP-140) (BP-142)	7.2V	2150mAh	NiMH <i>Minimum order qty 100 pieces</i>		AI-BP142N
IC-F10, IC-F20, IC-F30, IC-2GA, IC-GXA, IC-2GXAT, IC-FGXA, VX68 (BP-157) (BP-160)	7.2V	1450mAh	NiMH		AI160N
IC-F3, IC-F3S, IC-F4, IC-F4S, IC-FSR, IC-T2A, IC-T2H, IC-A4 (BP-195) (BP-196) CHBP196 pocket	9.6V	1500mAh	NiMH with plastic spring belt clip Spring belt clip		AI-BP196N BC-BP210

BATTERIES PMR

ICOM

IC-F3GS, IC-F3GT, IC-F4GT, IC-F4GS, IC-F11, IC-F11S, IC-F12, IC-F12S IC-F21, IC-F21S, IC-F22, IC-F22S IC-F30GS, IC-F30GT, IC-F31GS IC-F31GT, IC-F40GS, IC-F40GT IC-F41GT, IC-A6E, IC-A24E OEM Batteries (BP209) (BP210) (BP-211LI) CHBP210 pocket	7.2V	1600mAh	NiMH with belt clip		AI-BP210
	7.4V	2100mAh	Li-ion no belt clip		AI-BP211
	7.4V	2300mAh	Li-ion no belt clip		AI-BP211LI-23
CM-166, IC-A3, IC-A22, A25 DISCONTINUED			Spring belt clip		BC-BP210
			Screw belt clip		BC-BP210S
F50, F51, F60, F61, M87, M88 (BP-277LI) CHBP227 pocket	12V	1000mAh	1000mAh NiMH		AI-166N
F50, F51, F60, F61, M87, M88 (BP-277LI) CHBP227 pocket	7.4V	1800mAh	Li-ion		AI-BP227LI
IC-F14, IC-F15, IC-F15S, IC-F24 IC-F25, IC-F25SR, IC-F33FT, IC-F33GS, IC-F33GT, IC-F34GS, IC-F34GT, IC-F43GS, IC-F43GT, IC-F43TR, IC-F44GS, IC-F44GT, IC-F53GS, IC-F3022, IC-F3062, IC-F4022, ICF4062, IC-F0295DR, IC-F3162DT, IC-F4162DT, IC-F3162DS, IC-F4162DS, (BP231, BP232)	7.4V	2000mAh	Li-ion No Belt Clip		AI-BP232
					CHBP232 pocket
IC-F3001, IC-F3002, IC-F3102D IC-F400, IC-F4002, IC-F4003, IC-F4102D, IC-F27SR	7.4V	1500mAh	NiMH		AI-BP264N
	7.4V	2200mAh	Li-ion with Belt Clip		AI-BP265LI
IC-F1000, 2000, ICF1100D, ICF2100D IC-F29SR (BP278, 279, 280) CHBP279 pocket	7.4V	2000mAh	Li-ion		AI-BP279LI
			Spring Belt Clip, Only suitable for AI-BP297LI not original		BC-BP279LI

KENWOOD

TK220, TK240, TK240D, TK320, TK340, TK340D	7.5V	1500mAh	NiMH		AK-KNB7N
TK2140, 2160, 2170, 2360, 3140, TK3160, 3170, 3260, 3360, TK-D200, TK-D300 (KNB25A, KNB26A KNB26N, KNB35L, KNB55L, KNB56N, KNB57L)	7.2V	2000mAh	NiMH No belt clip		AK-KNB26N
	7.2V	1800mAh	Li-ion No belt clip		AK-KNB35B
			Clips to radio		CHKNB35
TK250, TK250G, TK259, TK350, TK350N, TK350G, TK353, TK353N TK355, TK359 (KNB11A, KNB12A)	7.2V	1500mAh	NiMH	   KNB12N-18 KNB11N 2 contacts KNB12N 3 contacts	AK-KNB11N
	7.2V	1500mAh	NiMH		AK-KNB12N
	7.2V	1800mAh	NiMH		AK-KNB12N-18
TK260, TK270, TK278, TK360, TK361, TK370, TK372, TK373, TK378, TK2207, TK3101, TK3102 (KNB14A, KNB15A)	7.2V	1400mAh	NiMH	  KNB14N KNB15N	AK-KNB14N
	7.2V	2150mAh	NiMH		AK-KNB15N
					CHKNB14 Pocket
TK280, TK290 TK380, TK390, TK480, TK481 (KNB16A, KNB17A, KNB21, KNB22)	7.2V	2000mAh	NiMH	 KNB16N	AK-KNB16N
					CHKNB14 pocket
TK3130, TK3131 (KNB27N)	7.2V	1400mAh	NiMH		AK-KNB27
TH-K2AT, K4AT (PB-43N)	7.2V	1500mAh	NiMH		AK-PB43N

BATTERIES PMR

KENWOOD

TK2180, TK3180, TK5120, TK5310 TK5320 (OEM KNB26, KNB32A, KNB33LI)	7.2V 7.2V	2700mAh 1900mAh	NiMH Li-ion	 KNB32N KNB33LI	AK-KNB32N AK-KNB33LI CHKNB33 pocket
TK2200, TK2202, TK2207, TK2212 TK2302 TK3200, TK3201, TK3201 TK3202, TK3207 TK3212, TK3300 TK3301, TK3302, TK3312 TK3401D, TK-D240, TK-D340 (KNB-29N, KNB30A, KNB53)	7.2V 7.4V	1500mAh 1800mAh	NiMH Li-ion	 KNB29 KNB45L	AK-KNB29N AK-KNB45L CHKNB29 pocket
TK2000, TK3000, TK3501 (KNB63L, KNB65L)	7.4V	1130mAh	Li-ion		AK-KNB63L BC-KNB63 CHKNB29 pocket
NEXEDGE NX200, 300	7.4V	1900mAh	Li-ion		AK-KNB47L
NEXEDGE NX220, 320, NX-3200, NX-3300, NX-3220, NX-3320 CHKNB35 charger pocket	7.2V 7.2V	1800mAh 2000mAh	Li-ion NiMH		AK-KNB35B AK-KNB26N

MATRA

MRC9620 TETRA POL	4.8V 4.8V	1660mAh 2100mAh	NiMH NiMH		AMT9620N AMT5923N-25
MC9620	7.2V 7.2V	1450mAh 1650mAh	NiMH NiMH		AT53711N AT53711N-16

MAXON

CGX, CP0500, CP0510, CP0520, CP5000, FT2003, FT4703, APX, APL	11.3V	1000mAh	NiMH		AMX-BP4WN
SL100 (QPA1350)	7.2V 7.2V	1500mAh 1650mAh	NiMH NiMH with spring belt clip		AMX-100 AMX-100N-16
SL70, SL400, SL500, SL600, SP120, SP2000, SP2250, SP2550, SP2850 (SA1155, SA1170)	10.8V	2000mAh	NiMH		AMX-1155N
SL55, SP130, SP140, SP150 (MPA600, 1200, 1400, 1800)	7.2V 7.2V	1500mAh 1800mAh	NiMH with belt clip NiMH Spring belt clip		AMX-1450B AMX-1800 BC-SL55
SL55+, SP200, SP300, SP330	7.2V 7.2V	1600mAh 1800mAh	NiMH NiMH		AMX-200N AMX-200N-18
SL25, SP120, SP210 (QPA600, 700, 1200, 1400, 1800)	7.2V 7.2V	1500mAh 1800mAh	NiMH NiMH		AMX-QPA1450 AMX-QPA1800
SL1000 Series, SL1102, SL1402 SP1000, SP1402	7.4V	2000mAh	Li-ion		AMX-SL1000
SL7000 (BTL1801)	7.4V	1500mAh	Li-Polymer		AMX-SL7000

BATTERIES PMR

MOTOROLA

MAG ONE BRP40	7.2V	1600mAh	NiMH		AM-BPR40
CT250, GP308, PRO3150, PO40, PO80 (PMNN4018AR, 4021A)	7.5V	1500mAh	NiMH		AM4018N
GP344, GP366, GP388, GP644, GP688, GP328+ EX500, EX600, GL2000, PRO05150 ELITE (JMNN4023, 4024)	7.4V 7.5V	1100mAh 1900mAh	Li-ion Li-ion		AM4023LI AM4024LI Uses CH9008 Pocket
GP68, PACER (PMNN4001, 4000)	7.5V	2000mAh	NiMH tall		AM4000N-20
GP2000, PRO2150, PO20, PO30 (PMNN4046) (CP125)	7.5V	1500mAh	NiMH		AM4046N
HANDIPRO - EURO 446 (ENN4019, NTN4019)	5.0V	1450mAh	NiMH		AM4019N
HANDIECOM (ENN4040A)	7.5V	1300mAh	NiMH		AM4040
XTN446	4.8V	1450mAh	NiMH		AM4190
CP040, CP080, CP140, CP150, CP160, CP180, CP200, EP450, GP3188, GP3688, PR400, DP1000, DP1400 (NNTN4496, 4497, 4851)	7.5V 7.5V 7.5V	1500mAh 2000mAh 1900mAh	NiMH with spring belt clip Li-ion no belt clip, use BC9628 Li-ion with spring belt clip Belt Clip		AM4851N AM4497LI AM4970LI (slim) BC4496 CH4851 pocket
DP3441, DP3661	7.4V	2200mAh 2200mAh	Li-ion Non Impress Li-Ion Impress		AM4440LI AM4440LI-S CH9008 pocket
GP300, GP88, GTX (HNN9628)	7.5V	1500mAh	NiMH with spring belt clip Standard belt clip Spring belt clip		AM9628-14 AM9724 BC9628 CH9628 pocket
GP320, GP330, GP340, GP360, GP380, GP640, GP680, GP140, GP1280, GP7450, HT750, HT1225, HT1250, HT1550, MTX850, PRO5150, PRO5550, PRO7150 (HNN9008, 9009, 9012, 9013)	7.5V 7.5V 7.2V 7.5V 7.5V	1500mAh 1600mAh 1800mAh 2000mAh 2700mAh	NiMH with spring belt clip NiMH Li-ion with spring belt clip NiMH NiMH Spring belt clip		AM9008H AM9008H-16 AM9013LI AM9009N AM9009N-27 BC9008 CH9008 pocket

BATTERIES PMR

MOTOROLA

GP350 (HNN9360)	7.5V	1450mAh	NiMH		AM9360N
GP900, GP1200, HT1000, HT1100, JT1000, MT2000, MT6000E, MTS2000, MTZ2000, MTX8000, MTX9000, MOBIUS, PTX1200 (NTN7143, 7144)	7.5V 7.5V 7.5V	1900mAh 2000mAh 2700mAh	NiMH NiMH NiMH Belt Clip		AM7143-18 AM7144N AM7144-27 BC7144
HT600, HT800, MT1000, MTX880, MTX900, P200, P210, (NTN5521) (NTN5414) (NTN5447)	10V 10V 10V	2000mAh 2000mAh 2000mAh	NiMH Light grey NiMH Dark Grey NiMH Black		AM5413N AM5447N AM5521N
XTNI, XTNIID	7.5V	2200mAh	Li-ion		AM6305LI
XT420, XT460	3.7V	2200mAh	Li-ion		AM4434LI
JACKAL (WANN4016A, WPNN4016A)	7.4V	1660mAh	Li-ion		AM4016LI-12
MTP300, XTS3000, XTS5000 XTS4250 (HNN8294, 8299) (NTN8293, RNN4006)	7.5V 7.5V 7.5V 8.4V	2150mAh 2700mAh 4000mAh 2400mAh	NiMH NiMH NiMH Li-ion Spring belt clip		AM8299 AM8299-27 AM8299-40 AM8610 BC8294
MX1000, MX2000, MX3000, T2000, SABRA ASTRO (NTN4592, 4593, 4595)	7.2V 7.5V 7.5V 7.5V 7.5V	1450mAh 2100mAh 2000mAh 2150mAh 2700mAh	NiMH Short Li-ion NiMH Medium NiMH Tall NiMH Tall		AM4592N AM4592LI AM4593N AM4595N AM4595N-27
CP50, HT10, P10, P50, P60, SP10, SP21, SP50, SP50+, RADIUS HT10 (HNN9027, HNN9044)	7.5V 10.8V	1000mAh 1100mAh	NiMH NiMH		AM9044N AM9027N
P110 (HNN8148)	7.5V	1500mAh	NiMH		AM8148N CH9628 pocket
RADIUS P1225, P1255 (HNN4049A)	7.5V	2000mAh	NiMH Spring belt clip		AM9049N BC9049

BATTERIES PMR

MOTOROLA

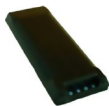
TALKABOUT T5320, T5400, T5422, T5512, T5522, T5600, T5622, T5700, T5800, T5900, TA5322, TA5022 (56315)	3.6V	1450mAh	NiMH		AM53615N
T6222	3.6V	700mAh	NiMH		AM56318N
P100 Series P140, P145, P160, P165 P180, P185	7.5V 7.4V 7.4V 7.4V	1500mAh 2200mAh 2500mAh 1900mAh	NiMH Li-ion Li-ion Li-ion Ultra Slim		AM4082 AM4080LI AM4080LIXT AM4081LI
TALKABOUT TA288 SPIRIT GT & GTPLUS TA280, TA290 HNN9720	3.6V	600mAh	NiMH		AM53720
TLKR-T5, T50, T60, T70, T80 XTR446, (IXNN4002A)	4.8V	600mAh	NiMH		AMTLKR-T5
XTS2500, XTS2250 (NTN9815, 9858)	7.5V 7.5V	2000mAh 2700mAh	NiMH NiMH		AM9858N AM9858N-27
MOTOTRBO DP3400, DP3401, DP3600, DP3601 (PMNN4065 & PMNN4066) CH4065 pocket	7.2V 7.4V 7.4V	1650mAh 1880mAh 2500mAh	NiMH Non Impress Li-ion Non Impress Li-ion Non Impress Belt clip		AM4065N belt clip AM4066LI belt clip AM4077LI belt clip BC4065
MOTOTRBO DP2000, DP2400, DP2600 DP4000, DP4400, DP4401, DP4600, DP4601, DP4800, DP4801 PMNN4409AR PMNN4412AR CH4065 pocket	7.5V 7.4V 7.4V	1500mAh 2100mAh 2500mAh	NiMH Li-ion Non impress function Li-ion impress function	 	AM4412MH With Belt Clip AM4409LI AM4409LI-S With Belt Clips
MTP850, MTP850S	3.6V	2100mAh	Li-ion		AM6574LI
MTH800, MTH650 DTR2430, DTR2450 (OEM NNTN6923A)	3.7V	1500mAh	Li-ion - OEM version This is an original Motorola Battery		AM4655LI
MTP3100, 3150, 3200, 3250 MTP3500, 3550, 6650, 6750	3.7V	2300mAh	Li-ion		AM8023LI

NOKIA

THR850, 880 (BLN4)	3.6V	1880mAh	Li-ion		ANO-BLN4LI
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BATTERIES PMR

PHILIPS/SIMOCO

PRP73, PRP74, PRP75, PRP76 (952570154012)	7.2V 7.2V	1650mAh 2000mAh	NiMH NiMH		AP54014 AP54018
PRP78	7.2V	3300mAh	NiMH		AP54078N

RACAL - COUGAR SERIES (THALES)

COVERT, PRM4735 (MA4736A, MA4736B) Must use Axxess charger for Li-ion battery	9.6V 9.6V 10.8V	650mAh 1300mAh 1100mAh	NiMH NiMH Long Li-ion (Only works with Axxess Charger)		AR4736-60 AR4736-130 AR4736LI
HANDHELD PRM4515, PRM4720 (MA4516A)	9.6V 10.8V	1450mAh 4500 mAh	NiMH Li-SOCI2		AR4516-15 AR4516L

SEPURA

SRP2000, SRP3000, SRH3500, SRH3800, SRH3900	7.4V	2300mAh	Li-ion		ASP2000LI-23
STP8000, STP9000 STP9100, STP9200 SC20, SC21	7.4V	1880mAh	Li-Polymer		ASP-STP8000
SBP8000, 8310, 8040, 8340 8050, 8350, SCP8000, 8010, 8310, 8040, 8340, 8050, 8350	7.4V 7.4V	1800mAh 1900mAh	Li-ion Li-ion		ASP-SBP8000-18 ASP-SBP8000-19

SIMOCO

SRP8000, 8020, 8030 SRP9100, 9120, 9130 (PA-BATN) (PA-BATL)	7.2V 7.2V 7.2V	2150mAh 2700mAh 3000mAh	NiMH NiMH Li-ion		ASI8000N ASI8000N-27 ASI8000LI
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TAIT

ORCA, ELAN, PANTHER, 400P, 600P, 625P T5000, T5010, T5020, T5040 (TOPB5U1) (TOPB3000 TOPB5U2)	7.2V	2000mAh	NiMH Belt Clip		AT-104 BC-ORCA
T1000, T1002, T3000	7.2V 7.2V	1800mAh 2000mAh	NiMH NiMH		AT3000NB AT3000N-21
TP8100, TP8110, TP8115, TP8120, TP8135, TP8140		1900mAh	Li-ion		AT-TP8100
TP9100, TP9135, TP9140, TP9155, TP9160	7.2V 7.2V	2500mAh 2500mAh	Li-ion NiMH		AT-TP9100 AT-TP9100NH

BATTERIES PMR

YASEU/VERTEX

FNB20, FT23R, FT33R, FT73R FT411, FT470	12V	720mAh	NiMH		AY-FNB12N
FT-10, FT-40, FT-50 (FNB-40,41)	6.0V 9.6V	880mAh 1000mAh	NiMH NiMH		AY-FNB40N AY-FNB41N
FNB20, FT23R, FT33R, FT73R, FTH2005, FTH7005 (FNB-11,12, 14, 17)	7.2V	1100mAh	NiMH		AY-FNB17N
VX350, VX351, VX354 FNBV96LI	7.4V	2200mAh	Li-ion		AY-FNB95LI CHFNB95
VX10 FT10R, FT40R (FNB-V47, FNB-V49)	7.2V	2100mAh	NiMH		AY-FNB47N
VX110, VX146, VX150, VX160, VX180, VX210, VX400, VX410, VX414, VX417, VX420, VX424, VX427, VX800 (FNB-V57, 67LI)	7.2V 7.2V	1600mAh 2200mAh	NiMH Li-ion		AY-FNB57N AV-FNB67LI Use CHFNB57 Pocket
VX500, VX510 (FNB-29)	7.2V	2000mAh	NiMH		AY-FNB29N
VX231, VX241 Charges on Axess charger or older original version. Not the new Vertex 231 charger	7.2V 7.4V 7.4V	1200mAh 1200mAh 2500mAh	NiMH Uses CHFNB57 Li-ion Uses CHFNB95 Li-ion Uses CHFNB95		AY-FNBV106 AY-FNBV103LI AY-FNB104LI
VX220, VX246	7.4V	1500mAh	NiMH		AY-FNB83N
VX821, VX824, VX829	7.4V	2200mAh	Li-ion		AY-FNB87LI CHFNB87 pocket
VX450, VX451, VX454	7.4V 7.2V 7.2V	1170mAh 2200mAh 2500mAh	Li-ion Li-ion Li-ion		AY-FNBV112LI AY-FNBV113LI AY-FNBV113LI-25
VX600, VX900 FNB-V68LI, 69LI	7.4V 7.4V	2500mAh 3300mAh	Li-ion Li-ion		AY-FNB69LI25 AY-FNB69LI-33
VX-261, EVX261, VX-264, VX-450, 451, 454, 459 EVX-530, 531, 534 & 539	7.4V	2500mAh	Li-ion		AY-FNBV134LI Uses CHEVX531

Battery models are continually being developed to keep up with industry demands
Should you have a battery requirement that is not listed please contact our sales team

The Emergency Services Network is launching soon, for all your ESN requirements or queries please contact our sales office.

BLUETOOTH ACCESSORIES

Robust Speaker Mic, Bluetooth capability, 3.5mm audio socket, IP65 rating



PSM999-S8

Rechargeable Battery Powered
Remote Wired Speaker Mic, 3.5mm
Jack socket for listen only earpiece.
Optional Emergency button
Available with 3.5mm Plug for ESN devices



Ear Defender with boom Mic



Wireless Ptt & earpiece



Bluetooth earpiece



Radio Bluetooth Dongle



ESN Ready S8 Mic & PTT Earpieces, Listen Only also available



TETRA BATTERIES

MOTOROLA MTH800 - ORIGINAL BATTERY



AM4655LI
3.7V 1500mAh Li-ion
NNTN6923A OEM
Battery



MOTOROLA - MTP850

AM6574LI
3.6V 2100mAh Li-ion



MOTOROLA - MTP3100, 3150, 3200, 3250, 3500, 3550, 6550, 6650, 6750

AM8023LI
3.7V 2300mAh Li-ion



NOKIA - THR850/880i



ANO-BLN4LI
3.6V 1880mAh Li-ion

SEPURA - SRP2000, SRP3000, SRH3500, SRH3800, SRH3900, SRC3300



ASP2000LI-23
7.4V 2300mAh Li-ion

SEPURA - STP8000, STP9000, SC20, SC21

ASP-STP8000
7.4V 1880mAh
Li-Polymer



TETRA & SEPURA RADIO PLUGS

MOTOROLA TETRA ~ COMPATIBLE PLUGS

PLUG TYPE	FITS	AUDIO SERIES
MG3 	MOTOROLA TETRA MTP700 & MTP850EX	Available for all series except PSM remote speaker mic with emergency button
MTH3 	MOTOROLA MTH650, MTH800 MTP850 Side connector with locking screw	Available for all series PSM Series (remote speaker mic) is only compatible with the 'MTP850'
DP 	MOTOROLA MTP830S, MTP850S uses DP MTP6550, MTP6650, MTP6750 uses DPA plug version	Available for all series
DP1 	MOTOTRBO MTP3000 Series MTP3100, MTP3150, MTP3200 MTP3250, MTP3500, MTP3550	Available for all series except PSM remote speaker mic with emergency button
M13 	MOTOROLA MTP850 Bottom Connector	Available for all series except Listen Only

NOKIA ~ COMPATIBLE PLUGS

N1 	EADS - NOKIA THR850,880,880i, 880i Light with charging jack	Available for all series except PSM remote speaker mic with emergency button
N2 	EADS - NOKIA THR850 THR880 THR880i THR880i Light	Available for all series except Listen Only & Remote speaker mic Accessories
N3 	EADS - NOKIA THR8, TH1N	Available for all series except Listen Only & Remote speaker mic Accessories
NA 	EADS - NOKIA THR9, THR9i	Available for all series except Listen Only & Remote speaker mic Accessories
MC1 	JUPITER TPH700	Available for all series except Listen Only & Remote speaker mic Accessories

TETRA & SEPURA RADIO PLUGS

SEPURA ~ PLUGS		
PLUG TYPE	FITS	AUDIO SERIES
SP 	SEPURA SRP2000, SRP3000, SRH3500, SRH3800, SRH3900	Available for all series except PSM Series (remote speaker mic) 304, 404 & 504 series
SPS 	SEPURA SRP2000, SRP3000, SRH3500, SRH3800, SRH3900 With locking screw	Available for all series except PSM Series (remote speaker mic)
SP1 	SEPURA SRP2000, SRP3000, SRH3500, SRH3800, SRP3900 Bottom connector with locking screw	Available for all series
SP2 	SEPURA STP8000, STP8100, STP8200, STP9000, STP9100, STP9200, SC20, SC21 DMR: SBP8000 8310, 8040, 8340 8050, 8350, SCP8000 8010, 8310, 8040, 8340, 8050, 8350 SEP8000 8010, 8310, 8040, 8340, 8050, 8350	Available for all series

MOTOROLA MTH800 TETRA CHARGER



CH6-4655

6 Way Li-ion Charger for MTH800 battery only

AM4655LI
3.7V 1500mAh Li-ion
NNTN6923A
OEM Battery
Price on request



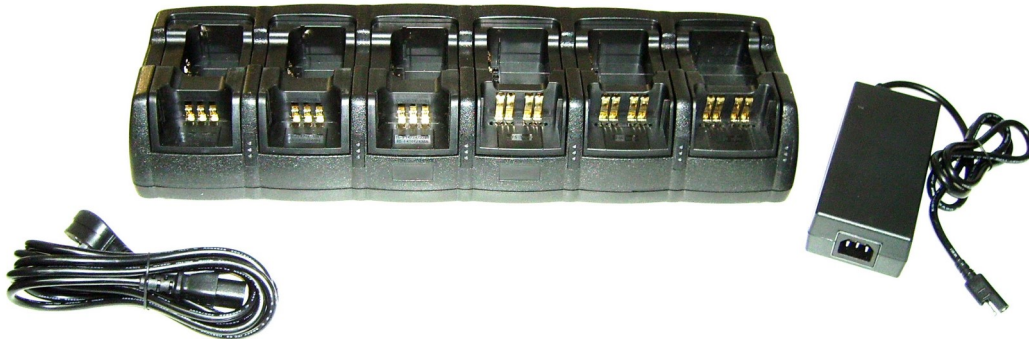
SEPURA SRP / SRH / STP8000 / 9000 / SC20 & 21 TETRA CHARGERS



ICHSRP2000
Sepura in car charger
SRP2000, 3000 SRH3500, 3800 & 3900
MOQ of 100 units



CH-Dual with CHSRP2000-DUAL/12WAY pocket
Sepura 1+1 charger for
SRP2000, SRP3000, SRH3500, SRH3800, SRH3900
Radio complete with battery & battery only



Sepura 12 way desktop charger using dual pockets.
Radio with battery and battery only

SRP2000, 3000 SRH3500, 3800 & 3900
CH12-CHARGER with CHSRP2000-DUAL/12WAY pockets

Sepura STP8000 / 9000 / SC20 / SC21
CH12-CHARGER with CHSTP9000-DUAL/12WAY pockets

SEPURA STP8000 / STP9000 / SC20 / SC21 TETRA CHARGERS

CH-Dual charger with CHSTP9000-DUAL/12WAY Pocket.

Dual charger for Sepura
STP8000 / 9000 / SC20 / SC21
Radio complete with battery & battery only



ICHSTP9000
Sepura STP8000 / 9000 in car charger



Original Sepura and Motorola Products available on request

SALES TEL: 01327 301090 FAX 01327 705171

DUAL & 12 WAY CHARGERS



CH-DUAL

Axess dual radio & battery charger.
Compact dual desk top charger, tri chemistry interchangeable pockets.
The unit is able to charge single batteries or complete with radio



CH12-CHARGER

12 way radio & battery charger
12 way desk top charger comprises of interchangeable tri chemistry pockets.
The unit charges 12 batteries housed on their own or on the handset.



RADIO MODEL	DUAL CHARGER	TWELVE WAY CHARGER
HYTERA		
PD405, PD505, PD605, PD665, PD705, PD780, PD785, PT580H	CH-DUAL with CHPD780-Dual, 12way pocket	CH12-CHARGER with 6 x CHPD780-Dual, 12way pockets
ICOM		
IC-F14, IC-F15, IC-F24, IC-F25, IC-F33GT, IC-F43GT, IC-F43GS, IC-F44, IC-F53, IC-F3022, IC-F3062 IC-F4022, ICF4062, IC-F0295DR, IC-F3162, IC-F4162D	CH-DUAL with CHBP232-Dual, 12way pocket	CH12-CHARGER with 6 CHBP232-Dual, 12way pockets
KENWOOD		
TK2000, TK2200, TK2202, TK2207, TK2212, TK2302, TK3000, TK3200, TK3201, TK3202, TK3207, TK3212, TK3300, TK3301, TK3302, TK3312, TK3501, TK-D240	CH-DUAL with CHKNB29-Dual, 12way pocket	CH12-CHARGER with 6 x CHKNB29-Dual, 12way pockets
TK2180, TK3180, TK5120	CH-DUAL with CHKNB33-Dual, 12way pocket	CH12-CHARGER with 6 x CHKNB33-Dual, 12way pockets
TK2140, TK2160, TK2170, TK2360, TK3140, TK3160, TK3170, TK3360, NX220, NX320	CH-DUAL with CHKNB35-Dual, 12way pocket	CH12-CHARGER with 6 x CHKNB35-Dual, 12way pockets
MOTOROLA		
P100 SERIES CP145, 165, 185	CH-DUAL with CHCP185-Dual, 12way pocket	CH12-CHARGER with 6 x CHCP185-Dual, 12way pockets
GP320, GP330, GP340, GP360, GP380, GP344, GP366, HT750, HT1250, DP3441, DP3661	CH-DUAL with CH9008-Dual, 12way pocket	CH12-CHARGER with 6 x CH9008-Dual, 12way pockets
CP040, CP150, CP200, DP1400	CH-DUAL with CH4851-Dual, 12way pocket	CH12-CHARGER with 6 x CH4851-Dual, 12way pockets
GP900, HT1000, MTS2000, XTS3000, XTS2500	CH-Dual with CH7143-Dual, 12way pocket	CH12-CHARGER with 6 x CH7143-Dual, 12way pockets
MOTOTRBO DP2400, DP2600, DP3400, DP3600 DP4400, DP4600, DP4800, XPR6500	CH-DUAL with CH4065-Dual, 12way pocket	CH12-CHARGER with 6 x CH4065-Dual, 12way pockets
MTP850EX	CH-DUAL with CHMPT850EX Dual, 12way pocket	CH12-Charger, 6 X HMPT850EX Dual, 12way pockets
SEPURA, SRP2000, SRP3000, SRH3500, 3800, 3900	CH-Dual with CHSRP2000 Dual, 12way Pocket	CH12-Charger 6 x CHSRP2000-Dual, 12way pockets

If the holder you require is not listed please contact our sales team for more details

DESKTOP & VC UNIVERSAL VEHICLE CHARGER, Tri-Chemistry with interchangeable holders

Vehicle charger
VC-Universal
plus Pocket
required



RADIO MODEL	SINGLE CHARGER	SIX WAY CHARGER
HYTERA		
PD405, PD505, PD605, PD665, PD705, PD780 PD785, PT580H	CH1-CHARGER with CHPD705 holder	CH6-CHARGER with 6 X CHPD705 holders
TC-265, TC265S, TC268, TC268S, TC365 TC365S, TC368, TC368S	CH1-CHARGER with CHKNB14 holder	CH6-CHARGER with 6 x CHKNB14 holders
TC446, TC500	CH1-CHARGER with CHTC500 holder	CH6-CHARGER with 6 x CHTC500 holders
TC610, TC620	CH1-CHARGER with CHTC610 holder	CH6-CHARGER with 6 x CHTC610 holders
TC3000	CH1-CHARGER with CHTC3000 holder	CH6-CHARGER with 6 x CHTC3000 holders
ICOM		
IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT, IC-F11 IC-F11S, IC-F12, IC-F21, IC-F22, IC-F30G, IC-F30GS F30GT, IC-F40GS, IC-F40GT, IC-A6E, IC-A24E BP209, BP210, BP211LI	CH1-CHARGER with CHBP210 holder	CH6-CHARGER with 6 x CHBP210 holders
IC-F3, IC-F3S, IC-F4, IC-F4S, IC-FSR, IC-T2A IC-T2H, IC-A4	CH1-CHARGER with CHBP196 holder	CH6-CHARGER with 6 x CHBP196 holders
IC-F14, IC-F24, IC-F33GT, IC-F43GT, IC-F43GS	CH1-CHARGER with CHBP232 holder	CH6-CHARGER with 6 x CHBP232 holders
IC-F50, IC-F60, IC-M88	CH1-CHARGER with CHBP227 holder	CH6-CHARGER with 6 x CHBP227 holders
IC-F70,80	CH1-CHARGER with CHBP235 holder	CH6-CHARGER with 6 x CHBP235 holders
IC-F3001, IC-F3002, IC-F4002, IC-F4003 - NiMH only	CH1-CHARGER with CHBP264 holder	CH6-CHARGER with 6 x CHBP264 holders
IC-F3001, IC-F3002, IC-F4002, IC-F4003 - Li-ion only	CH1-CHARGER with CHBP264LI holder	CH6-CHARGER with 6 x CHBP264LI holders
IC-F1000, IC-F2000, ICF-29SR BP278, BP279, BP280	CH1-Charger with CHBP279	CH6-Charger with CHBP279
KENWOOD		
TK240, 250, 350	CH1-CHARGER with CHKNB12 holder	CH6-CHARGER with 6 x CHKNB12 holders
TK260, 270, 360, 370, 2100, 3100, 3101, 3102 KNB14, KNB15, KNB16, KNB17	CH1-CHARGER with CHKNB14 holder	CH6-CHARGER with 6 x CHKNB14 holders
TK2000, TK2200, TK2202, TK2207, TK2212, TK2302 TK3000, TK3200, TK3201, TK3202, TK3207, TK3212 TK3300, TK3301, TK3302, TK3312, TK3501, TK-D240	CH1-CHARGER with CHKNB29 holder Charges 29N & 45L	CH6-CHARGER with 6 x CHKNB29 holders Charges 29N & 45L
TK2180, TK3180, TK5120 KNB26, KNB32A, KNB33LI	CH1-CHARGER with CHKNB33 holder	CH6-CHARGER with 6 x CHKNB33 holders
TK2140, TK2160, TK2170, TK2360, TK3140, TK3160 TK3170, TK3360, NX220, NX320	CH1-CHARGER with CHKNB35 holder	CH6-CHARGER with 6 x CHKNB35 holders
TK3230	CH1-CHARGER with CHKNB46 holder	CH6-CHARGER with 6 x CHKNB46 holders

RADIO MODEL	SINGLE CHARGER	SIX WAY CHARGER
MAXON		
SL100, SP200	CH1-CHARGER with CHAMX100 holder	CH6-CHARGER with 6 x CHAMX100 holders
SP120, SP130, SL25, SL55	CH1-CHARGER with CHAMXQPA	CH6-CHARGER with 6 x CHAMXQPA holders
SP400	CH1-CHARGER with CHSP400	CH6-CHARGER with 6 x CHSP400 holders
MOTOROLA		
XTN Series, CP100	CH1-CHARGER with CHXTNS holder	CH6-CHARGER with 6 x CHXNTS holders
XT400 Series, XT420, XT460	CH1-CHARGER with CHXT460 holder	CH6-CHARGER with 6 x CHXT460 holders
XTNID	CH1-CHARGER with CHXTNID holder	CH6-CHARGER with 6 x CHXTNID holders
P100 SERIES P140, P145, P160, P165, P180, P185	CH1-CHARGER with CHCP185 holder	CH6-CHARGER with 6 x CHCP185 holders
GP300, GP350, P1225, P110	CH1-CHARGER with CH9628 holder	CH6-CHARGER with 6 x CH9628 holders
GP320, GP330, GP340, GP344, GP360, GP366 GP388, GP680, HT750, HT1250, DP3441, DP3661	CH1-CHARGER with CH9008 holder	CH6-CHARGER with 6 x CH9008 holders
DP1400, CP040, CP150, CP200	CH1-CHARGER with CH4851 holder	CH6-CHARGER with 6 x CH4851 holders
GP900, HT1000, MTS2000	CH1-CHARGER with CH7143 holder	CH6-CHARGER with 6 x CH7143 holders
MOTOTRBO DP2400, DP2600, DP3400, DP3600 DP4400, DP4600, DP4800, XPR6500	CH1-CHARGER with CH4065 holder	CH6-CHARGER with 6 x CH4065 holders
SABER, MX1000	CH1-CHARGER with CH4593 holder	CH6-CHARGER with 6 x CH4593 holders
P200, P210, HT600, HT800, MT1000, MTX880 MTX900	CH1-CHARGER with CH5413 holder	CH6-CHARGER with 6 x CH5413 holders
VISAR	CH1-CHARGER with CH7394 holder	CH6-CHARGER with 6 x CH7394 holders
XT400 Series, XT420, XT460	CH1-CHARGER with CHXT460 holder	CH6-CHARGER with 6 X CHXT460 holders
SIMOCO		
SRP8000, 8020, 8030, 9100, 9120, 9130	CH1-CHARGER with CH8030 holder	CH6-CHARGER with 6 X CH8030 holder
TAIT		
ORCA, Elan, Panther, 400P, 600P, T5000, T5010 T5020, T5040, TOPB5U1, TOPB3000, TOPB5U2	CH1-CHARGER with CHAT200 holder	CH6-CHARGER with 6 x CHAT200 holders
TP8100 series, TP8110, TP8115, TP8120, TP8135 TP8140	CH1-CHARGER with CHTP8100 holder	CH6-CHARGER with 6 x CHTP8100 holders
YAESU / VERTEX		
VX110,VX146, VX150, VX160, VX180, VX400 VX800 (VX231 AY-FNBV106)	CH1-CHARGER with CHFNB57 holder	CH6-CHARGER with 6 x CHFNB57 holders
VX350, VX351, VX354 FNBV95LI / FNB96LI (VX231 AY-FNB103LI & FNB104LI)	CH1-CHARGER with CHFNB95 holder	CH6-CHARGER with 6 x CHFNB95 holders
VX820, VX821, VX920	CH1-CHARGER with CHFNB87 holder	CH6-CHARGER with 6 x CHFNB87 holders
eVerge, EVX530 Series EVX531, EVX534 EVX539, VX451, VX454, 459	CH1-CHARGER with CHEVX531	CH6-CHARGER with 6 x CHEVX531
New Vertex battery FNB-V130LI VX230, VX261, VX350, VX450	CH1-CHARGER with CHEVX531	CH6-CHARGER with 6 x CHEVX531

AD SERIES BASE STATION DESKTOP POWER SUPPLY AND BATTERY BACK UP BOX FROM ALFATRONIX



The Desktop Power Supplies, popularly called the "Wedge" due to its distinctive ergonomically friendly shape, offer a convenient way to convert 12Vdc mobile radio transceivers for use as desktop base stations. They will operate from AC supplies, either 115V or 230V without manual adjustment. The continuous rating is 108W (9A), sufficient for most radio transceivers on the market.

The product has a built in battery back up facility which will allow the supply to continuously trickle charge a battery which will automatically power the transceiver in the event of a mains supply cut.



BATTERY BACK UP BOX WITH 7mAh Lead Acid Gel battery	AD BBB
DESKTOP POWER SUPPLIES : RADIO MODELS	PART NUMBER
HYTERA	
TM600, TM610, TM680	AD-HYT-TM600
MD785, MD785G, MT680, DM785	AD-HYT-785
MD652 & MD655 You require a different screw kit	AD-HYT-MD655
ICOM	
IC-F310S, IC-F410S, IC-F310, IC-F410, IC-F51, IC-F610, IC-F320S, IC-F420S, IC-F320, IC-F420, IC-F520	ADICIC-F310
IC-F110, IC-F121/S, IC-F110S, IC-F210, IC-F210S, IC-F211/S, IC-F221/S, IC-F5012, IC-F5022, IC-F5122, IC-F6012, IC-F6022, IC-F6122	ADICIC-F110
IC-F1010, IC-F2010, IC-F1020, IC-F2020, IC-F1610, IC-F2610, IC-AC110 EURO	ADICIC-F1010
IC-F5062, IC-F6062	ADICIC-F5062
KENWOOD	
TK-760, TK762, TK780, TK860, TK880, TK980, TK981	ADKWTK-762
TK7102, TK7180, TK7189E, TK7302, TK8102, TK8180, TK8189E	ADKWTK-7102
TK7160, TK7162, TK8160, TK8162	ADKWTK-7160
MAXON	
PM100, PM160	ADMXPM160
MOTOROLA	
GM340, 350, 360, 380, 640, 660, 1280, PRO3100, 5100, 7100, MTM800, DM1400, 1600, 3400, 3401, 3600, 3601, 4400, 4401, 4600, 4601	ADMT3100,DM
TAIT	
TM8105, 8110, 8115, 8250, 8255	ADTA-8000
YAESU/VERTEX	
VX2000V, VX2000U, VX3000, FP-2500E	ADVSFP-2500
VX2100E, VX2200E	ADVSVX-2200
4000 Series	ADVSVX-4104
UNIVERSAL	
CLEARSTONE, HYT, TK7150, 8150, TAIT 2000, SIMOCO, SEPURA Also available for Sepura: AD-SP8000	AD-UN-UNI

RADIO PLUGS

AUDIO PLUGS

PLUG TYPE	FITS	AUDIO SERIES
ALINCO / COBRA MT725 / ICOM / MAXON / VERTEX		
GS (straight plug) 	ALINCO, COBRA MT725 ICOM F3, F3S, F4, F4GR, F4S, F4SR, F10, F20 MAXON SP100, SP120, SP130, SP140 YAESU VERTEX VX-200, VX-500, VX510, VX520, FT470, TXL446, TTI	Available for all series except Listen Only
ENTEL		
YA 	ENTEL, ZODIAC HT446, HT640, HT710, HT780, ATIS (Version 1.0)	Available for all series except PSM remote speaker mic with emergency button
ZA 	ENTEL HX410, HX420, HX421, HX480, HX481	Available for all series except PSM remote speaker mic with emergency button
HX 	ENTEL HX402, HX412, 413, 415, 416, HX422, HX423, HX425, HX426, HX446, HX482, HX483, HX485, HX486 Models ending with 2, 3, 5 & 6	Available for all series except PSM remote speaker mic with emergency button
HYTERA		
HA 	HYT TC446, TC500, TC505, TC508, TC518, TC610, TC620, TC600, TC700, TC2108, TC2110, PD405, PD415, PD485, PD505, PD565	Available for all series except PSM remote speaker mic with emergency button
H1 	HYT TC3000, TC3600, TC780, TC700P	Available for all series except PSM remote speaker mic with emergency button
H3 	HYT TC1688	Available for all series Except 460, 304, 404, 504 and all PSM remote speaker mics
H4 	HYT TC446S, TC508, TC510, TC518, TC580, TC610, TC618, TC620, TC626, TC700, PD405, PD415, PD485, PD505, PD565, POWER446	Available for all series except PSM remote speaker mic with emergency button
H5 	HYT TC320	Available for all series except PSM Series
H6 	HYT PT580, PT580H, PD702, PD705, PD755, PD765, PD780, PD785, PD78XG, PD88XT, PD985, 985G	Available for all series
H7 	X1, X1E, X1P, Z1P PD605, PD605G, PD661, PD662, PD663, PD664, PD665, PD665G, PD666, PD667, PD668, PD669, PD685, PD685G	Available for all series except PSM remote speaker mic with emergency button
H8 	HYT PD3 SERIES, 355, 365, 375	Available for all series Except , 460, 304, 404, 504 and all PSM speaker mics

RADIO PLUGS

AUDIO PLUGS

PLUG TYPE	FITS	AUDIO SERIES
ICOM		
GR (right angled) 	ICOM GR PLUG ICF3GS, F3GT, F4GS, F4GT, F11, F12, F12S, F14, F14S, F15, F15S, F21, F21S, F22, F22S, F24, F24S, F25, F25SR, F27SR, F31GS, F31GT, F33, F34GS, F34GT, F43GR, F44GS, F44GT, F3101D, F3022S, F3022T, F3102, F3102D, F4022S, F4022T, F4029SDR, F4102D, F4026 GRS PLUG IC-F3000, F3001, F3002, IC3011, F3011, F3021, F3021S, F3012T, F3026S, F4000, F4001, F4002, F4011, F4021, F3012S, F4021T, F4026, F11, F15S, F21, F14, F14S, F24, F24S, F25S, F27SR, F29SR, F33G, F33GS, F4029SDR, F43G, F43TR, 44GS GRSB with waterproof seal ICF3031S, 3032S, 3033S, 3036S, ICF4031S, 4032S, 4033S, 4036S, F29SR, ICF1000, ICF1000T, ICF1100D, ICF2000, ICF2100D	Available for all series Except Listen Only and PSM remote speaker mic with emergency button Please always check which plug you require as some models can use both GR & GRS NEW PLUG GRSB 
GRS with locking screws 		
GR-AMP 	ICOM IC-24E, IC-A6E	Only available for the 404 Series & PSM350 series
GRS-AMP 	ICOM IC-24E, IC-A6E	Only available for the 404 Series & PSM350 series
I 	ICOM F30GS IS, F30GT IS, F31GS, F31GT, F40GS, F40GT, F40G, F3063, F4063	Available for all series except PSM remote speaker mic with emergency button
I2 	ICOM IC-F31, F41G, F50, F51, F60, F61, F70, F80, F3161, F4161, F3062, F3162DS, F3162DT, F4062, F4162DS, F4162DT, M87, 88	Available for all series except PSM remote speaker mic with emergency button
I3 	ICOM UH35CTM	Available for all series except PSM remote speaker mic with emergency button
KENWOOD		
KA (listen only) 	KENWOOD Or other radios with 2.5mm audio socket Also suitable for remote speaker mics with 2.5mm listen only jack socket	Only available for Listen Only earpieces

RADIO PLUGS

AUDIO PLUGS		
PLUG TYPE	FITS	AUDIO SERIES
KENWOOD		
KA 	KENWOOD TK208, TK240, TK248, TK250, TK260 TK260G, TK270 TK272, TK308, TK320, TK340 TK348, TK350, TK353 TK359, TK360, TK360G TK370, TK370G, TK372, TK430 TK431, TK2100(Pro talk) 2102 (ProPower) 2130 (ProTalk XLS) TK2160 TK2212, TH-22AT, TH-22AT, TH-77A TH-78A, TH-D7A(G), TH-235A, TH-28A, TH-42AT TH48A, TH-G71A, TH-F6, TH-F6A, TH-K2AT TK320, TK373, TK2002, TK2160, TK2170, TK2200 TK2202, TK2300, TK2302, TK2360, TK2000 / 3000 TK3100, TK3101, TK3201, TK3102, TK3130 TK3160 TK3170, TK3173, TK3200, TK3201 TK3202, TK3230 TK3302, TK3301, TK3401 TK3350, TK3360, TK3501 TK-D240, TK-D340, NX3320E, E2, E3, NX3220E, E2, E3 NEXEDGE NX220, NX320, HYTERA -TC365 VITAI 8800, WOUXUN,KG639, 689	Available for all series except PSM remote speaker mic with emergency button Possibly fits MITEX series radios with two pin connector Please call the sales team
K1 	KENWOOD TK280 TK380, TK480, TK481, TK190, TK290, TK385 TK390, TK2140, TK2180, TK3140, TK3148, TK3180 TKTK3212, TK5210, TK5220, TK5310 TK5320 TK5400, NX-3200E, E2, E3 NX-3300E, E2, E3 NEXEDGE NX200,300	Available for all series except PSM remote speaker mic with emergency button
KIRISUN		
KA 	KIRISUN 3208-S, PT558, PT4200, PT618A (BLUFI)	Available for all series except Listen Only
XFIN 	KIRISUN PT6800	Available for all series except PSM remote speaker mic with emergency button
XFIN1 	KIRISUN PT6200	Available for all series except PSM remote speaker mic with emergency button
MAXON		
GA 	MAXON SP210, SP14, SL25, SL55, SL70 Midland G7, TTI, TXL446 Alinco - Cobra MT725	Available for all series except Listen Only
MX 	MAXON S5, SL100, SP200, SP210, PL1145, 2245, 5000 Legacy series with locking screw	Available for all series except PSM remote speaker mic with emergency button

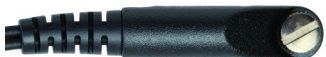
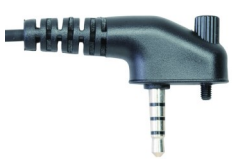
RADIO PLUGS

AUDIO PLUGS		
PLUG TYPE	FITS	AUDIO SERIES
MAXON		
M26 	MAXON S1	Available for all series except V600, V600S, V610, V610S
MOTOROLA		
MA (Receive only) 	MOTOROLA - Universal 3.5mm plug Icom & Maxon radios with 3.5mm audio socket (also for remote speaker mics with 3.5mm jack)	Only available for listen only earpieces
MA 	MOTOROLA DP1400 SERIES, Analogue & Digital CP040, CP080, CP88, CP100, CP125, CP145, CP150, CP165, CP185, CT150, CT250, CT450, CT450LS, GP2000, GP300, GP308, GP68, GP88, BC120, GTI, GTX, LTS2000, P040, PR400, P110, P1215, P1225LS, PRO3150, SP10, SP21, SP50, MAG ONE/BPR40, BC90, DTR SERIES GP280, XTN446, XTN500, XTN600, CLS446, XTNI, XT400, 420, 460, HANDIECOM, HANDIEPRO VITAI VDG-360	Available for all series except PSM remote speaker mic with emergency button FOR USE WITH MRC3400, MRC9716 MRC2400, MRC4455-MF ADAPTERS Mic & PTT ear pieces
MG 	MOTOROLA GP328+, GP338+ GP344, GP388, GP366R, GP688, EX500, EX600, GL2000, PRO5150ELITE, EX560XLS PRONTO 9100, 9200D	Available for all series except PSM remote speaker mic with emergency button
MG1 	MOTOROLA GP140, GP320, GP328, GP329, GP330, GP338, GP339, GP340, GP360, GP380, GP640, GP650, GP680, HT1250, HT1250LS, HT1550, HT1550XLS, HT750, MTX8250, MTX8250LS, MTX850, MTX850LS, MTX9250, MTX950, PRO5150, PRO5350, PRO5450, PRO5550, PRO5750, PRO7150, PRO7350, PRO7450, PRO7550, PRO9150, PTX700, PTX760, PTX780, MTX950, PR860, PRO7750, R765	Available for all series except PSM remote speaker mic with emergency button
MG2 	MOTOROLA GP900, GP9000, HT1000, JT1000, MT2000, MTS2000, MTX8000, MTX838, MTX900, MTX9000, MTX960, MTX-L, XTS2500, XTS3000 ASTRO, XTS3500, XTS5000, XTS3000, PR1500, XTS1500, MT6000E	Available for all series except PSM remote speaker mic with emergency button
M26 	MOTOROLA TALKABOUT, COBRA, T80, T81, T270, T280, T289, T5022, T5100, T5200, T5300, T5320, T5400, T5410, T5420, FRS5512, 5522, T5800, 5820, 6200, 6210, 6220, 6250, 6300, 6320, 6400, T7200 SERIES, XT180 FR50, FR60 - MAXON S1, XTB446, XTR446	Available for all series except V600, V600S, V610, V610S
SL 	MOTOTRBO SL4000, SL1600, SL2600, SL7550, 7590, 4010	No listen only styles available Available for Mic & PTT ear- pieces only Not available on PSM's, 304, 404, 504 & Throat Mic's

RADIO PLUGS

AUDIO PLUGS		
PLUG TYPE	FITS	AUDIO SERIES
MOTOROLA		
DP 	MOTOTRBO DP3200, DP3400, DP3401, DP3600, DP3601 DP4400, DP4400E, DP4401, DP4600, DP4601 DP4800, DP4801 XPR6300, XPR6500, XPR6350, 6380, XPR6550, XPR6580 series, APX7000	Available for all series except PSM remote speaker mic with emergency button
DP1 	MOTOTRBO DP2400, DP2600, DP3441, DP3661 MTP3000, MTP3100, MTP3150, MTP3200 MTP3250, MTP3500, MTP3550	Available for all series except PSM remote speaker mic with emergency button
MS (listen only) 	MOTOROLA Or other radios with 3.5mm audio socket (also for use with speaker mics)	Only available for Listen Only earpieces
MT 	MOTOROLA VISAR radio series (3.5mm threaded connector)	Available for all series
CLP 	MOTOROLA CLP446 series	All series for use on CLP446
NEXUS		
VP 	NEXUS VP,TP Wired in Savox as standard Wiring configurations also available for Sonic, Peltor & Voxtech available upon request	Available for all series
OPUS		
U1 	OPUS T1-14	Available for all series except PSM remote speaker mic with emergency button
SIMOCO		
SI 	SIMOCO SRP8000, 9100, 9120 & 9130	Only available for PSM series
SIA 	SIMOCO SRP8000, 9100, 9120, & 9130 With locking screw	Only available for PSM series
MGS 	SIMOCO SDP650, SDP660 & SRP9180	Available for all series except PSM remote speaker mic with emergency button

RADIO PLUGS

AUDIO PLUGS		
PLUG TYPE	FITS	AUDIO SERIES
SIMOCO		
XFIN 	SIMOCO XFIN	Available for all series except PSM remote speaker mic with emergency button
YA 	SIMOCO TSP2000, TSP2400	Available for all series
TAIT		
TA 	TAIT TP8000, TP8110, TP8115, TP8120, TP8135, TP8140 All TA series are Special order items	Available for all series except PSM remote speaker mic with emergency button RSM takes 2.5mm plug
YAESU / VERTEX		
YA 	YAESU VX-10, VX110, VX130, VX146, VX150, VX160, VX180, VX210, VX-210A, VX-200, VX231, VX300, VX351, VX400, VX410, VX414, VX416, VX417, VX420, VX2R, VX5R, FT50, FT60	Available for all series Except PSM remote speaker mic with emergency button DOES NOT WORK ON EVX231E
Y1 	YAESU VX10, VX130, VX160, VX180, VX210, VX210A, VX230, VX231, VX241, VX261, VX264, VX300, VX350, VX351, VX400, VX410, VX420, VX354, VX451, VX454, VX459, EVX530 (with single locking screw)	Available for all series except PSM remote speaker mic with emergency button
Y2 	YAESU VX500, 530, 600, 800, 900, VH110, 15M, 120, VH130, VH215M, VX225M VERTEX MH-360M, 450M, 50A7A, VH-120, 130, VH-215M	Available for all series except PSM remote speaker mic with emergency button
Y3 	YAESU VX130, VX160, VX180, VX210, VX210A, VX220, VX231, VX241, VX261, VX264, VX351, VX400, VX410, VX414, VX416, VX417, VX446, VX451, VX454, VX459 EVX261, 531, 534, 539 in analogue mode	Available for all series except PSM remote speaker mic with emergency button EVX261, 531, 534, 539 IN DIGITAL mode please call
Y4 	YAESU Vx170, VX246, VX-6R, VX-7R	Available for all series except PSM remote speaker mic with emergency button
Y5 	YAESU, VERTEX VX-581, VX820, VX821, VX824, VX829, VX920, VX921, VX924, VX929	Available for all series except PSM remote speaker mic with emergency button
Y6 	VERTEX eVerge EVX-S24	

Audio plugs are continually developed to meet industry demands, if you cannot find the model required then please contact our sales

LISTEN ONLY SERIES

101/103 Series - Ear bud earphone

Option of 45 or 90cm length
straight cable



121/123 Series - Ear bud earphone

Option of 45 or 90cm length
straight cable
121-Orange / 123-Orange



071/073 SERIES - Ear hanger

Option of 45 or 90cm length
straight cable



LISTEN ONLY SERIES

C200/C200-30 Series - Ear hanger, coil cable

FITS LEFT OR RIGHT EAR

C200 60cm coil cable

C200-30 30cm coil cable

*Replacement sponges available
for hygiene purposes
Part Number: PES*



C200



C200-30

061/063 Series - Flexi D Shape - option of 45 or 90cm length straight cable

Option of 45 or 90cm
length straight cable

*Can be supplied with coil cable
just add CC to the end of the part
number.*

*Coil cable is supplied with either
30cm or 60cm cable length as
standard*



061A/063A Series - Flexi Adjustable D Shape

Option of 45 or 90cm length
straight cable

*Can be supplied with coil cable
just add CC to the end of the part number
Supplied with either 30cm or 60cm cable
length as standard*



LISTEN ONLY SERIES - ACOUSTIC STYLES

2000E-O Series - Acoustic Tube Earpiece

45cm or 90cm length straight cable

Replacement Tube: EMP-500TUBE-O



2000ECC/2000ECC-O Series - Acoustic Tube Earpiece

30cm or 60cm coil cable length



Replacement Tube: EMP-500TUBE

Replacement Tube: EMP-500TUBE-O

EARBUD STYLES with Mic & PTT

130 Series - Ear Bud earphone

Ear bud earphone with lapel mic & PTT 118cm cable



130S Series - Ear Tip earphone

Ear tip earphone with lapel mic & PTT 118cm cable

Small, Medium & Large Tips Included

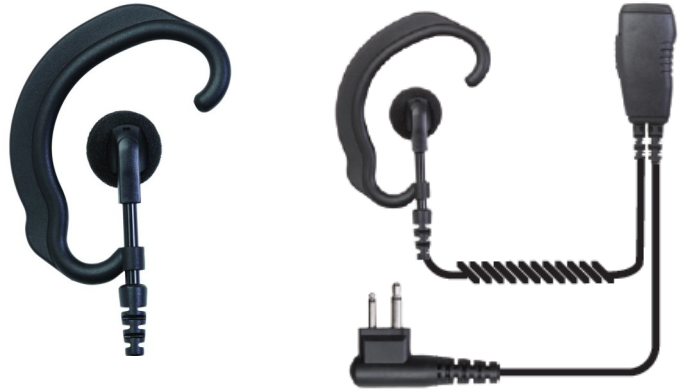


EAR HANGER STYLES with Mic & PTT

230 Series - Ear Hanger Earphone

With coil cable, inline mic & PTT 121cm cable

Plug type shown is for illustration purpose



C230 Series - Ear hanger earphone

With coil cable, inline mic & PTT 121cm cable

Plug type shown is for illustration purpose



C230-OPTT Series - Flexi C-hanger earphone

With coil cable, large **orange** inline mic & PTT

Replacement sponges available for hygiene purposes



FLEXI D SHAPE STYLES with Mic & PTT

340 Series - Flexi D Shape earpiece

With straight cable, Inline mic & PTT



340A Series - Flexi Adjustable D Shape earpiece

With straight cable, Inline mic & PTT



350 Series - Flexi D Shape earpiece

With Boom mic & lapel PTT



ACOUSTIC TUBE STYLES with Mic & PTT

186 Series - Acoustic tube earpiece with mic & lapel PTT

Dynamic speaker two 60cm
coil cables

Replacement Tube: EMP-500TUBE



Sealed speaker connection

Plug type shown is for illustration purpose

410 Series - Acoustic tube earpiece with mic & lapel PTT

Electret speaker cable length
118cm
Speaker can be removed

Replacement Tube: EMP-500TUBE-O



Lock type



Plug type shown is for illustration purpose

411 Series - Acoustic tube earpiece with inline mic & PTT

Cable length 118cm
Speaker can be removed and
replaced

Replacement Tube: EMP-500TUBE-O



Lock type



Plug type shown is for illustration purpose

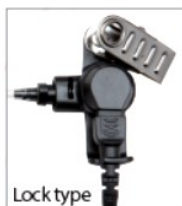
ACOUSTIC TUBE STYLES with Mic & PTT

2000-O Series - Acoustic tube earpiece with palm PTT & mic, cable sliders, 100cm cable



Beige colour also available
2000-OT

Speaker can be removed and replaced



Replacement Tube: EMP-500TUBE-O

Plug type shown is for illustration purpose



3500 Series - Three wire system, acoustic tube earpiece with lapel mic, torpedo PTT & 92cm cable



Sealed speaker connection

Beige colour also available
3500S series

Replacement Tube: EMP-500TUBE



THREE WIRE STYLES with Mic & PTT

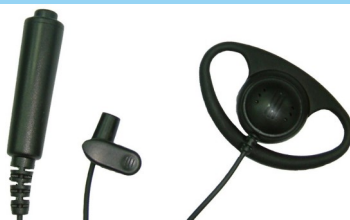
3100 Series - Three wire system, ear bud earpiece with lapel mic, torpedo PTT & 92cm cable



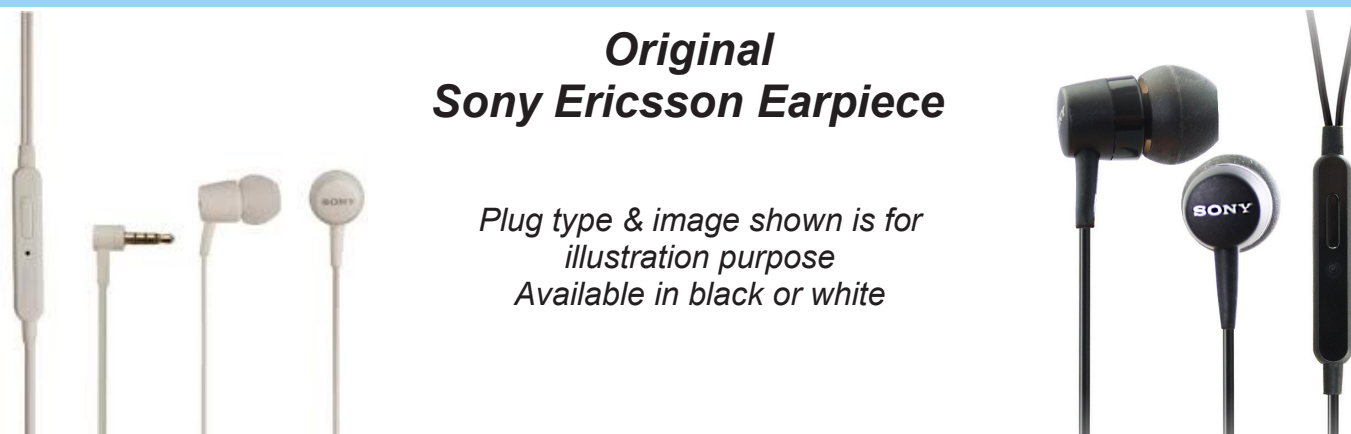
3200 Series - Three wire system, ear hanger earpiece with lapel mic, torpedo PTT & 92cm cable



3300 Series - Three wire system, D shaped earpiece with lapel mic, torpedo PTT & 92cm cable



HPM750 Series - Original Sony Ericsson earpiece, mic & PTT in the shuffle button, 114cm cable



Original Sony Ericsson Earpiece

*Plug type & image shown is for
illustration purpose
Available in black or white*

Covert style Mic & PTT for use with 3.5mm earphones

HPM-B, HPM-W SERIES

*Plug type &
image shown
for illustration
purposes
Available in
black or white*



*Available with
MTH3, SPS
& SP2 audio
connectors for
Tetra terminals.
MOQ 50 units on
other radios*

IPOD/MP3 Earpiece Adapter with Mic & PTT

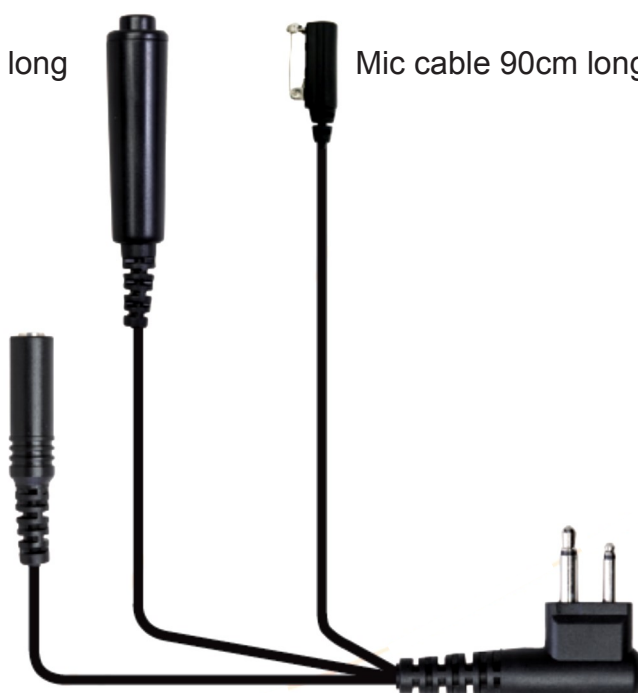
MP3A SERIES

Torpedo PTT, Lapel Mic with a 3.5mm female jack socket to suit 3.5mm earphones

PTT cable 90cm long

Mic cable 90cm long

Jack socket cable 44cm long



LIGHTWEIGHT HEADSET STYLES

210 Series - Single side adjustable lightweight headset with boom mic and inline PTT, 125cm cable

*Noise Cancelling
Headset*



Plug type shown is for illustration purpose

210D Series - Double side adjustable headset with boom mic and inline PTT, 125cm cable

*Replacement
sponges
available
for hygiene*

*Noise Cancelling
Headset*



Plug type shown is for illustration purpose

400 Series - Behind the head lightweight (breeze) headset, boom mic and inline PTT, 125cm cable

400 Hurricane - Behind the head, lightweight, Dual side ear tips with Boom Mic & Inline PTT



400 series



**400
Hurricane**



460 Series - Behind the head heavy duty headset, boom mic and inline Mushroom PTT, 111cm ca-

*Replacement sponges available
for hygiene*



HEAVY DUTY HEADSET STYLES

304 Series - Aviation style headset with boom mic and PTT button, 49cm cable

Rated SNR Value (Assume Rating)

SNR:33dB H=33dB M=32dB L = 24dB

Warning:

At noise above 95dB(A), users need accurate noise assessment to determine if Axess product is safe to be used in the environment.



*Various earmuff colours available
*please specify colour
upon ordering
or matt black will be supplied*

**Noise Cancelling
Headset**

404 Series - Aviation style headset with boom mic and inline mushroom PTT button, 89cm cable

Rated SNR Value (Assume Rating)

SNR:33dB H=33dB M=32dB L = 24dB

Warning:

At noise above 95dB(A), users need accurate noise assessment to determine if Axess product is safe to be used in the environment.



**Noise Cancelling
Headset**

*Plug type shown is for illustration
purposes only*

504 Series - Aviation style headset with Velcro head strap boom mic and mushroom PTT button

Rated SNR Value (Assume Rating)

SNR:33dB H=33dB M=32dB L = 24dB

Warning:

At noise above 95dB(A), users need accurate noise assessment to determine if Axess product is safe to be used in the environment.



**Noise Cancelling
Headset**

*Plug type shown is for illustration
purposes only*

REMOTE SPEAKER MIC STYLES

PSM150 Series - Compact size speaker mic with 3.5mm female jack socket, 41cm cable, IP54 rated



PSM150X Series - Compact size speaker mic with 3.5mm female jack socket, 44cm cable, IP54 rated



PSM250 Series - Standard size speaker mic with 3.5mm female jack socket, 41cm cable, IP54 rated



PSM350 Series - Heavy duty IP67 Speaker Mic (Waterproof) 42cm cable



PSM650 Series - Heavy duty speaker mic with LED, high/low volume control IP55 rated

The LED is powered by 2 coin cells inside the speaker mic, so it doesn't draw power from the radio. Can be used for radios that have NO power output pin on the audio accessory



optional emergency button - for selected radio models * denotes models available

MOBILE DESKTOP MICROPHONES

MRSM Series - Mobile fist microphone with metal dock holder, optional Omni & Uni directional mic



MANUFACTURER	PART NO
HYTERA - TM600U	MRSM-RJH
ICOM - F310, 320	MRSM-RJI
KENWOOD - TK868	MRSM-RJK
MOTOROLA - GM300, GM350	MRSM-RJM
MOTOROLA MOBILE RADIO M8200, M8208, M8260, M8268	MRSM-RJM-M8200
TAIT - T2000	MRSM-RJT2000

ADAPTERS



MRC3400 Motorola accessory adapter for DP3400,3600,DP4000,4400,4400E,4401,4600,4601,4800,4801 Motorola 2 pin MA connector with Mic & PTT earpieces
Does not work on Motorola MTP850S
Single Pin listen only earpieces do not work



MRC9716 Motorola accessory adapter for GP320, 340, 360, HT750, R765 Motorola 2 pin MA connector with Mic & PTT earpieces
Single Pin listen only earpieces do not work



MRC-TK0111 Kenwood accessory adapter for TK380, 480, 2140, 3140 for Kenwood 2 pin KA connector

NOT AVAILABLE FOR NEXEDGE NX200, NX300



MRC4455-MF Motorola accessory adapter for GP344, GP388, GP688
Motorola 2 pin MA connector with Mic & PTT earpieces.
Single Pin listen only earpieces do not work



MRC2400 Motorola accessory adapter for DP2400, 2600, 3441, 3661, MTP3000, 3100, 3150, 3200, 3250
Motorola 2 pin MA connector with Mic & PTT earpieces
Special order
Single Pin listen only earpieces do not work



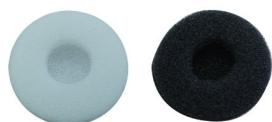
EFI-jelly ear mould series

Available in small, medium, large, left or right ear



EFI-Ear fin series

Available in small, medium, large, left or right ear



PES-W - Replacement sponge white

PES - Replacement ear-hanger bud sponge black



210-EARCOVER Earphone Cover for 210 Series & 210D



EFI-MLC - Connector for the EFI series



EMP-500TIP-B - Replacement tip black colour, Special order

EMP-500TIP-C - Replacement tip clear colour, Stock Item

EMP-500TIP - Replacement tip beige colour, Stock item



EMP-500NRF-Pair - Acoustic Attenuating Tips

(Orange colour in a pair) Fits onto elbow on acoustic tube



EMP-TIP-120 - Replacement tips for the 120 Series listen only earpiece small, medium, large available



PBS - Replacement boom mic sponge black 210 / 210D



EMP-500TUBE

Replacement tube set supplied with beige and translucent tip Suitable for 2000E, 2000ECC, 186, & 3500 series



EMP-500TUBE-B - Replacement acoustic tube black

EMP-500TUBE-W - Replacement acoustic tube Clear



EMP-500TUBE-O - Replacement acoustic tube with black clip

EMP-500TUBE-OW - Replacement acoustic tube with white clip Suitable for, 2000E-O, 2000ECC-O, 410, 411 & 2000-O series

SPARES



EMP-CLIP-M - Replacement metal lapel clip



EMP-CLIP-BOB - Replacement lapel clip black - 'Otto style' acoustic earpiece



EMP-CLIP-BWO - Replacement lapel clip white - 'Otto style' acoustic earpiece



EMP-O-JOINT-W replacement joint white
EMP-O-JOINT-B replacement joint black
For use with the 2000-O, 2000E-O, EMP-CLIP-BWO/BOB



EMP-SPEAKER- 2000 Series replacement speaker black
EMP-SPEAKER- Beige 2000 Series replacement speaker



MRSM-DOCK - Mobile remote speaker mic dock



PSM150-CLIP - Replacement clip for the PSM150 Series



PSM250-CLIP - Replacement clip for the PSM250 Series



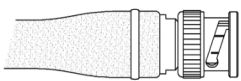
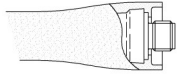
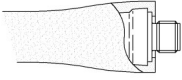
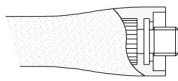
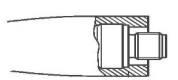
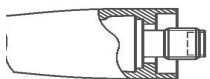
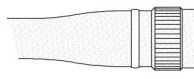
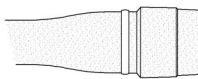
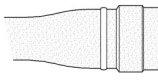
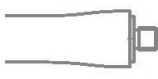
PSM650-CLIP - Replacement clip for the PSM350 Series

PORTABLE ANTENNA CONNECTORS

TO CREATE THE PART NUMBER CHOOSE THE ANTENNA, THEN CONNECTOR TYPE & FINALLY FREQUENCY

EXAMPLE: MFXU-MX-U

All items on this page are special order. See our terms & conditions of warranty for further details.

CONNECTOR	RADIO MODEL
BNC 	Cleartone, Icom IC-2, 02, 3, 2GX, 2SR, P2, IC-32, 24, W2, W21, T7, IC-4, 04, 4GX, 4SR, P4, IC-M10, Kenwood TH-22, 42, Maxon, Nabishi, Philips, TRT, Yaesu FT23, 33, 411, 26, 46, FT73, 811, 76, 86, FT470, FT, FTC business radios
CSP 	Sagem, Securicor, Talco, Key KP05, KP405, 425
ICF4 	Icom F3, 4 SR, F3, 4 GT & GS, F12, 22, F25, F31, 41, 44 GT & GS, F4002, F4062T, ICF1000 VHF & ICF2000 UHF Icom ICF51 uses the ICF5 connector not listed
MX 	Kenwood TK230, 240, 250, 330, 340, 350, 359, TK3160 Maxon SL25, 35, 55, 70, 500, 600 Motorola CP040, CP200, DP1400, GP300, 320, 340, 344, 360, 380, 388, 680, GP2000, P060, 100, 110, 210, SP10, 50, HT600, 600E, 800, MX1000, Tait 3000 Entel HT780
MG 	Motorola Jedi, GP900, 1200, HT1000, 6000, MT Series Visar, SMA, GP344R Mototrbo DP3400, DP3401, DP3600, DP3601
MV 	Simoco SRP1000, 8000, 9000
PRP73 	Simoco PRP73, 74, 76
SL100 	Maxon SL100
SMAFR 	Kenwood TK260, 270, 280, 360, 370, 380, TK2140, 2160, 2170, 2202, 2302, 2360, 3140, 3160, 3180, 3301 Entel HX400 Hytera TC610, PD785G, PT580H
SMAMO 	Kenwood TH-G71, D7E, F7, Tait Orca, 5000 Series
TNC 	Alcatel, Ascom, Bosch, Icom F10, 20, IC-H10, 16, 19, IC-U2, 16, Kenwood TK278, 378, 330, 340, 350 Nabishi, Simoco
TNK 	Grundig, Key, Kyodo
TNM 	Grundig FK109, Key KP 209, Kyodo, Niros
VX410 	Yaesu VX10, 160, 180, 231, 350, 351, 400, 410, 414, 417, 427, 800, 821
SRP2 	Sepura SRP2000, SRP3000, SRH3500, SRH3800, SRH3900,

HELICAL/QUARTER WAVE/HALF WAVE ANTENNAS

All items on this page are special order. See our terms & conditions of warranty for further details.

TYPE	MFX	MXK	PXK	MVQ	MQ	MFXU	PUG
Frequency (MHz)	141-366	67-88	141-225	141-336	330-512	330-512	350-512
Pre-tuned bands	H4 - R	E3 - E5	H4 - K7	H4 - P	R - W	R - W	S - W
Bandwidth @ 2:1 VSWR	7%	5%	5%	10%	10%	8%	8%
Construction	VHF Helical	VHF Helical	VHF Helical (Compressed)	VHF WHIP Quarter wave	UHF WHIP Quarter wave	UHF Helical (Compressed)	UHF WHIP Half wave
Length (mm)	170 @146MHz	195 @68MHz	87 @146MHz	500 @146MHz	156 @451MHz	72 @451MHz	340 @451MHz
Max diameter (mm)	10	14	10	14	14	10	16

BANDPLAN FOR PXK - VHF	
H4	141-151 MHz
H5	149-159 MHz
H6	156-162 MHz
H7	162-174 MHz
JRC	139-157 MHz
K5	174-192 MHz
K6	192-208 MHz
K7	208-225 MHz



PXK



MFXU

BANDPLAN FOR MFXU - UHF	
R	330-366 MHz
S	350-392 MHz
T	390-432 MHz
T1	400-430 MHz
T2	420-456 MHz
U	430-472 MHz
W	470-512 MHz
S1	380-400 MHz
S2	410-430 MHz
TET	380-430 MHz
T1	400-430 MHz
T2	420-456 MHz
UT	406-472 MHz



MFX

BANDPLAN FOR MFX - VHF	
H4	141-151 MHz
H5	149-159 MHz
H6	156-162 MHz
H7	162-174 MHz
JRC	139-157 MHz
K5	174-192 MHz
K6	192-208 MHz
K7	208-225 MHz
L	220-250 MHz
M	245-275 MHz
N	270-300 MHz
P	300-336 MHz
R	330-366 MHz

BANDPLAN FOR MVQ - VHF	
H4	141-151 MHz
H5	149-159 MHz
H6	156-162 MHz
H7	162-174 MHz
JRC	139-157 MHz
K5	174-192 MHz
K6	192-208 MHz
K7	208-225 MHz
L	220-250 MHz
M	245-275 MHz
N	270-300 MHz
P	300-336 MHz



MVQ

BANDPLAN FOR MQ - UHF	
R	330-366 MHz
S	350-392 MHz
S1	380-400 MHz
S2	410-430 MHz
T	390-432 MHz
TET	380-430 MHz
UT	406-472 MHz
U	430-472 MHz
W	470-512 MHz



MQ

BANDPLAN FOR PUG - UHF	
R	330-366 MHz
S	350-392 MHz
T	390-432 MHz
U	430-472 MHz
W	470-512 MHz
S1	380-400 MHz
S2	410-430 MHz
TET	380-430 MHz
UT	406-472 MHz

PUG



MAKE SURE YOU ORDER CORRECTLY

i.e. MFXU with MX connector
@ 430-472 MHz order :- MFXU-MX-U

ONLY AVAILABLE WITH TNC CONNECTOR

HELICAL/QUARTER WAVE/HALF WAVE ANTENNAS

All items on this page are special order. See our terms & conditions of warranty for further details.

CONNECTOR	ANTENNAS AVAILABLE
BNC	MFX, MFXU, MQ, MVQ, MXK, P XK
CSP	MFX, MFXU, MQ, MXK
ICF4	MFX , MFXU, MQ, P XK
SRP2	MFXU, MQ
MX	MFX, MFXU, MQ, MVQ, MXK, P XK
MG	MFX, MFXU, MQ, MVQ, MXK, P XK
MV	MFX, MFXU, MQ, MVQ, MXK, P XK
PRP73	MFX, MFXU, MXK

CONNECTOR	ANTENNAS AVAILABLE
VX410	MFX, MFXU, MQ, P XK
SL100	MFX, MFXU, MQ, P XK
SMAFR	MFX, MFXU, MQ, P XK
SMAMO	MFX, MFXU, MQ, MXK
TNC	MFX, MFXU, MQ, MVQ, MXK, PUG, P XK
TNK	MFX, MFXU, MQ, MVQ, MXK, P XK
TNM	MFX, MFXU, MQ, MVQ, MXK, P XK

MAGNETIC MOUNT ANTENNAS (WHIPS)

All of the below include 5mtr CS23 coaxial cable



MD168-5
162-174 MHz



MD200-5
192-208 MHz



MD451-5
430-472 MHz

Perfect for vehicles, boats & site offices

If you are constantly on the move then the magnetic mount antennas are the perfect solution. Placed on the roof of a vehicle the antenna will grip securely with a tough but removable magnetic base, giving you high gain & omni-directional coverage.

When it comes to removing or re-positioning, it couldn't be easier. With the MAR & MD range you no longer need to make holes in your vehicle to fill holes in your coverage.

MODULAR BASES

All items on this page are special order. See our terms & conditions of warranty for further details.



MMR-5F
Magnetic mount
102mm diameter
with moulded cable



EM-5
M8 base with
detachable
5m cable
assembly



M8
Panel mount with
5m moulded cable
For panels up to
4mm thick
Open ended



M8A
For panels
from 4mm to
6mm thick



MBM-5F
Boot clip

Base Type	MMR-5F	EM-5	M8	M8A	MBM-5F
Hole Size: (fit from outside - mm)	----	16	19	19	----
Hole Size: (fit from inside - mm)	----	12	12	12	----
Overall Diameter (mm)	102	28	28	28	45 x 38
Height Mounted (mm)	40	15	15	15	23
Panel Thickness (mm)	----	0-4	0-4	4-6	0-6
Detachable Cable	x	√	x	x	x
Cable Length (m)	5	5	5	5	5

CLIP & ELEVATED ANTENNAS

BANDPLAN CDV & BSV VHF

E3	67-74 MHz
E4	74-81 MHz
E5	81-88 MHz
H4	141-151 MHz
H5	149-159 MHz
H6	156-162 MHz
H7	162-174 MHz
JRC	139-157 MHz
K5	174-192 MHz
K6	192-208 MHz
K7	208-225 MHz
L	220-250 MHz
M	245-275 MHz
N	270-300 MHz
P	300-336 MHz

FIXED ANTENNA

CDU & CDV CLIP ANTENNA (with 5m cable)



Elevated Antennas can be used for temporary field use or permanent installations.

The Antenna's centre fitting has a metal body to carry the radials and a moulded insulator for the radiator.

BSU & BSV ELEVATED ANTENNA



BANDPLAN CDU & BSU UHF

R	330-366 MHz
S	350-392 MHz
S1	380-400 MHz
S2	410-430 MHz
S3	380-420 MHz
T	390-432 MHz
T1	400-430 MHz
T2	420-456MHz
TET	380-430 MHz
UT	406-472 MHz
U	430-472 MHz
W	470-512 MHz

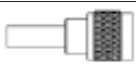
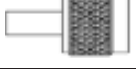
ANTENNA	CDU	BSU	CDV	BSV
Frequency (MHz)	336-512	330-512	67-336	67-336
Bandwidth @ 2:1 VSWR	8%	8%	8%	8%
Height (mounted) (mm)	155 @ 450 MHz	155 @ 450 MHz	500 @ 160 MHz	500 @ 160 MHz

CO-AXIAL ADAPTERS

All items on this page are special order. See our terms & conditions of warranty for further details.

Part Number	Termination 1	Termination 2	Part Number	Termination 1	Termination 2
CA-BP-FP 	BNC (m)	FME (m)	CA-TP-FP 	TNC (m)	FME (m)
CA-FP-FP 	FME (m)	FME (m)	CA-PLP-FP 	PL259 (m)	FME (m)
CA-MP-FP 	MPL (m)	FME (m)	CA-SP-FP 	SMA (m)	FME (m)

CO-AXIAL CONNECTORS

Plug Type	CS23 Cable	C74 Cable
BNC 	SC1-BNC-PC10	SC1-BNC-PC174
FME 	SC1-FME-JC10	SC1-FME-JC174
MCX 	N/A	SC1-MCX-PC174
MMCX 	N/A	SC1-MMCX-PC174
MPL 	SC1-MPL-PC10	N/A
N 	SC1-N-PS10B	N/A
SMA 	SC1-SMA-PC10	SC1-SMA-PC174
SMB 	SC1-SMB-PC10	SC1-SMB-PC174
SMRN 	N/A	SC1-SMRN-PFC174
TNC 	SC1-TNC-PC10	SC1-TNC-PC174
UHF (PL259) 	SC1-UHF-PC10	N/A

UHF MODULAR WHIPS

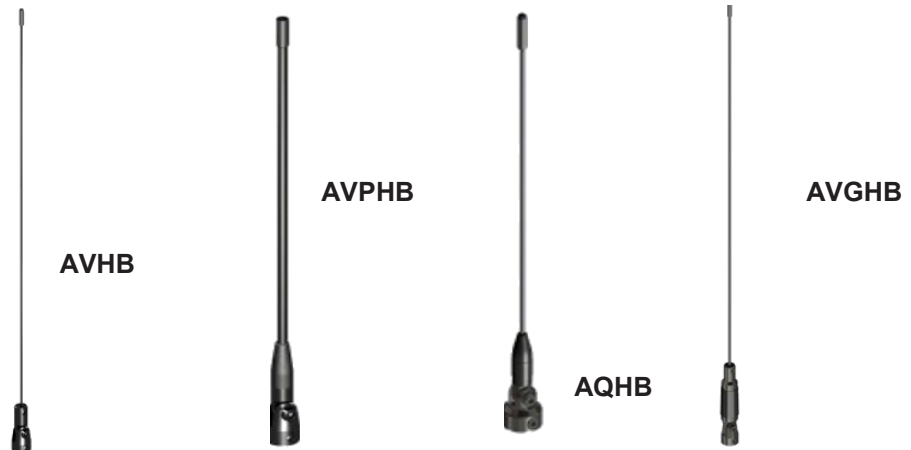
Please specify frequency band required when ordering



VHF MODULAR WHIPS

Please specify frequency band required when ordering

AVHB replacement Tip
SP8-0129-BLK



VEHICLE GLASS MOUNT ANTENNAS - WITH 5m CABLE

UHF

ASOG-151B

Spare Whip for
AOG151 & 161

REFIT KIT	
KRV391 (UHF)	GM SERIES
KRV393 (VHF)	AOG SERIES



GM318-5
310-325
MHz



GM435-5
425-455
MHz



GM455-5
445-470
MHz

CO-AXIAL CABLE ASSEMBLIES

All items on this page are special order. See our terms & conditions of warranty for further details.

CS23 CABLE ASSEMBLIES - 5mm Diameter - (RG58)

C23F-5	5 Metre cable + FME Jack fitted one end
C23F-5B	5 Metre cable + FME Jack fitted + BNC Plug fitted
C23F-5F	5 Metre cable + FME Jack fitted + FME Plug fitted
C23F-5M	5 Metre cable + FME Jack fitted + MPL Plug fitted
C23F-5S	5 Metre cable + FME Jack fitted + SMA Plug fitted
C23F-5T	5 Metre cable + FME Jack fitted + TNC Plug fitted

C74 CABLE ASSEMBLIES - 2.8mm Diameter - (RG174 - Low loss)

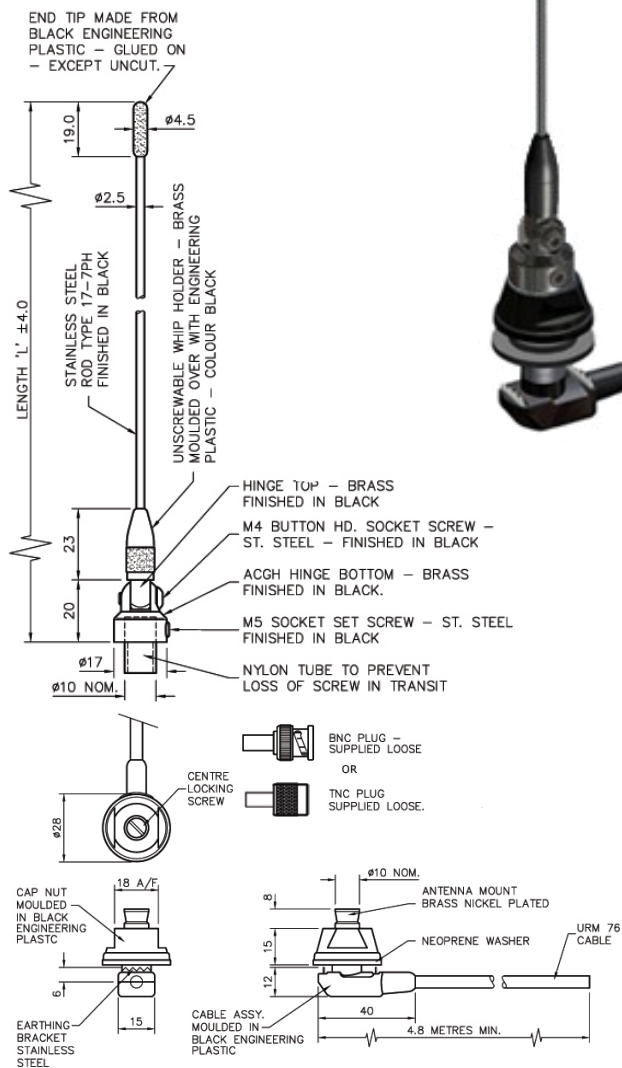
C74-FP-6	6 Metre cable + FME Plug fitted one end
C74-FP-6-FMEJ	6 Metre cable + FME Plug fitted + FME Jack fitted
C74-FP-6-FP	6 Metre cable + FME Plug fitted + FME Plug fitted
C74-FP-6-MCXP	6 Metre cable + FME Plug fitted + MCX Plug fitted
C74-FP-6-SMAP	6 Metre cable + FME Plug fitted + SMA Plug fitted
C74-FP-6-SMBP	6 Metre cable + FME Plug fitted + SMB Plug fitted
C74-FP-6-TNCP	6 Metre cable + FME Plug fitted + TNC Plug fitted

C35 CABLE ASSEMBLIES - 3.5mm Diameter

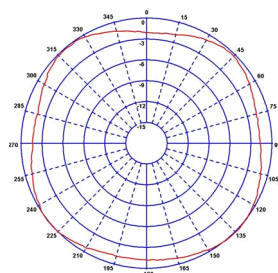
C35F-2F	2 Metre C35 series cable + FME Jack fitted + FME Jack fitted
C35F-2P	2 Metre C35 series cable + FME Plug fitted + FME Jack fitted
C35F-5F	5 Metre C35 series cable + FME Jack fitted + FME Jack fitted
C35F-5P	5 Metre C35 series cable + FME Plug fitted + FME Jack fitted

Panel Mount Antenna Rigid Whip

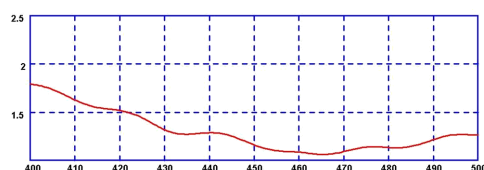
- Panel Mount
- Standard M8 Base
- Rigid Whip
- Removable for Car Wash



Typical Polar Plot
(Picture 460MHz)



Typical VSWR v Frequency
(Picture 460MHz)



EADS kit consists of:

Standard panel mount base, 5m CS23 (URM76) coaxial cable, rigid whip hinged 0dB, loose TNC connector

Part No	Frequency
AQHB-R1-M8-5TL	300 - 334MHz
AQHB-R2-M8-5TL	350 - 370MHz
AQHB-TET-M8-5TL	380 - 430MHz
AQHB-S4-M8-5TL	450 - 470MHz

Motorola kit consists of:

Standard panel mount base, 5m CS23 (URM76) coaxial cable, rigid whip hinged 0dB, loose BNC connector

Part No	Frequency
AQHB-R1-M8-5BL	300 - 334MHz
AQHB-R2-M8-5BL	350 - 370MHz
AQHB-TET-M8-5BL	380 - 430MHz
AQHB-S4-M8-5BL	450 - 470MHz

Sepura kit consists of:

Standard panel mount base, 5m CS23 (URM76) coaxial cable, rigid whip hinged 0dB, loose BNC connector

Part No	Frequency
AQHB-R1-M8-5BL	300 - 334MHz
AQHB-R2-M8-5BL	350 - 370MHz
AQHB-TET-M8-5BL	380 - 430MHz
AQHB-S4-M8-5BL	450 - 470MHz

Teltronic kit consists of:

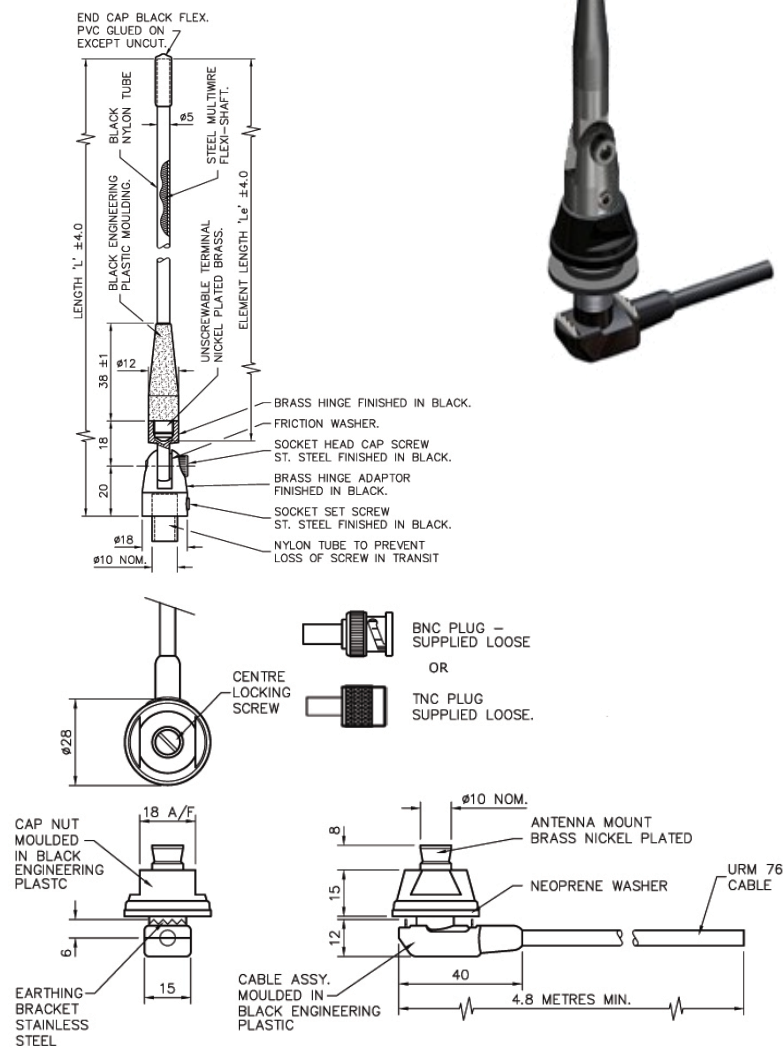
Standard panel mount base, 5m CS23 (URM76) coaxial cable, rigid whip hinged 0dB, loose BNC connector

Part No	Frequency
AQHB-R1-M8-5BL	300 - 334MHz
AQHB-R2-M8-5BL	350 - 370MHz
AQHB-TET-M8-5BL	380 - 430MHz
AQHB-S4-M8-5BL	450 - 470MHz

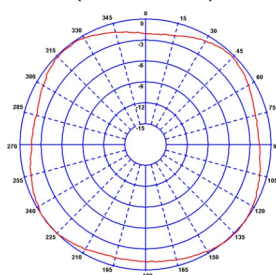
Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Maximum Height* (mm)	221
Minimum Height* (mm)	157
*Height Varies with Frequency	

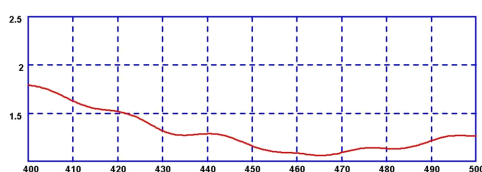
- Panel Mount
- Standard M8 Base
- Flexible Whip
- Removable for Car Wash



Typical Polar Plot
(Picture 460MHz)



Typical VSWR v Frequency
(Picture 460MHz)



Standard panel mount base, 5m CS23
(URM76) coaxial cable, flexible whip hinged
0dB, loose TNC connector

Part No	Frequency
AFQHB-R1-M8-5TL	300 - 334MHz
AFQHB-R2-M8-5TL	350 - 370MHz
AFQHB-TET-M8-5TL	380 - 430MHz
AFQHB-S4-M8-5TL	450 - 470MHz

Standard panel mount base, 5m CS23
(URM76) coaxial cable, flexible whip hinged
0dB, loose BNC connector

Part Noz	Frequency
AFQHB-R1-M8-5BL	300 - 334MHz
AFQHB-R2-M8-5BL	350 - 370MHz
AFQHB-TET-M8-5BL	380 - 430MHz
AFOHB-S4-M8-5BL	450 - 470MHz

Standard panel mount base, 5m CS23
(URM76) coaxial cable, flexible whip hinged
0dB, loose BNC connector

Part No	Frequency
AFQHB-R1-M8-5BL	300 - 334MHz
AFQHB-R2-M8-5BL	350 - 370MHz
AFQHB-TET-M8-5BL	380 - 430MHz
AFOHB-S4-M8-5BL	450 - 470MHz

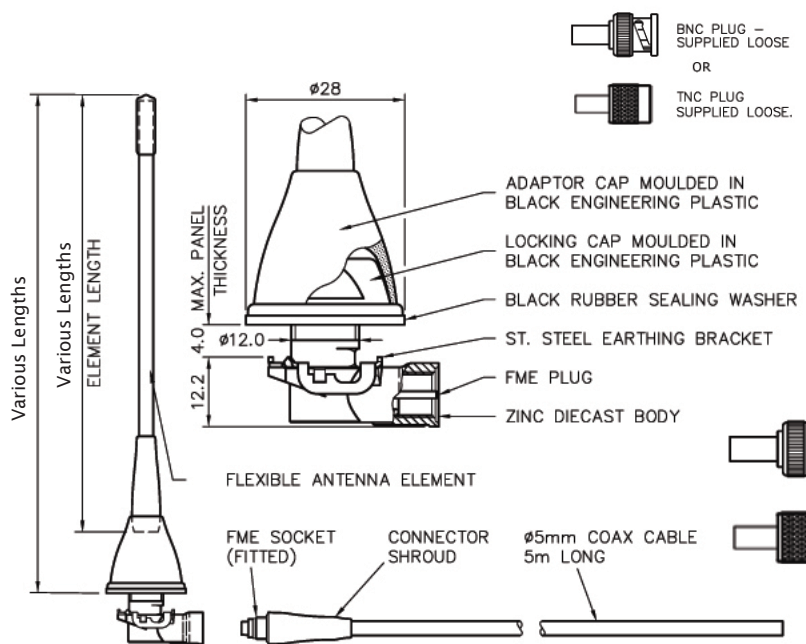
Standard panel mount base, 5m CS23
(URM76) coaxial cable, flexible whip hinged
0dB, loose BNC connector

Part No	Frequency
AFQHB-R1-M8-5BL	300 - 334MHz
AFQHB-R2-M8-5BL	350 - 370MHz
AFQHB-TET-M8-5BL	380 - 430MHz
AFQHB-S4-M8-5BL	450 - 470MHz

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Maximum Height* (mm)	214
Minimum Height* (mm)	152
*Height Varies with Frequency	

Panel Mount Antenna

- Excellent Performance
- Panel Mount
- 'Euro' Style Base
- Flexible Whip
- Detachable Cable
- Removable for Car Wash



EADS kit consists of:

Eurobase antenna 0dB flexy whip, 5m CS23 (URM76) cable, loose TNC connector

Part No	Frequency
EBF-R1-5TL	300 - 334MHz
EBF-R2-5TL	350 - 370MHz
EBF-TET-5TL	380 - 430MHz
EBF-S4-5TL	450 - 470MHz

Motorola kit consists of:

Eurobase antenna 0dB flexy whip, 5m CS23 (URM76) cable, loose BNC connector

Part No	Frequency
EBF-R1-5BL	300 - 334MHz
EBF-R2-5BL	350 - 370MHz
EBF-TET-5BL	380 - 430MHz
EBF-S4-5BL	450 - 470MHz

Sepura kit consists of:

Eurobase antenna 0dB flexy whip, 5m CS23 (URM76) cable, loose BNC connector

Part No	Frequency
EBF-R1-5BL	300 - 334MHz
EBF-R2-5BL	350 - 370MHz
EBF-TET-5BL	380 - 430MHz
EBF-S4-5BL	450 - 470MHz

Teltronic kit consists of:

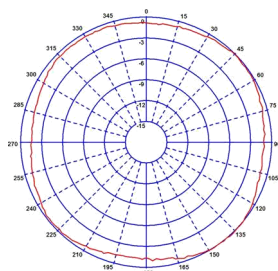
Eurobase antenna 0dB flexy whip, 5m CS23 (URM76) cable, loose BNC connector

Part No	Frequency
EBF-R1-5BL	300 - 334MHz
EBF-R2-5BL	350 - 370MHz
EBF-TET-5BL	380 - 430MHz
EBF-S4-5BL	450 - 470MHz

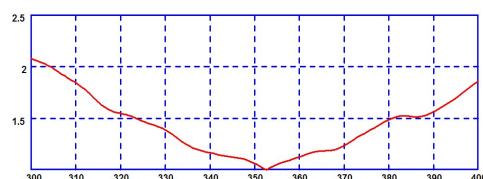
Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Maximum Height* (mm)	228
Minimum Height* (mm)	152
*Height Varies with Frequency	

Typical Polar Plot
(Picture 360MHz)

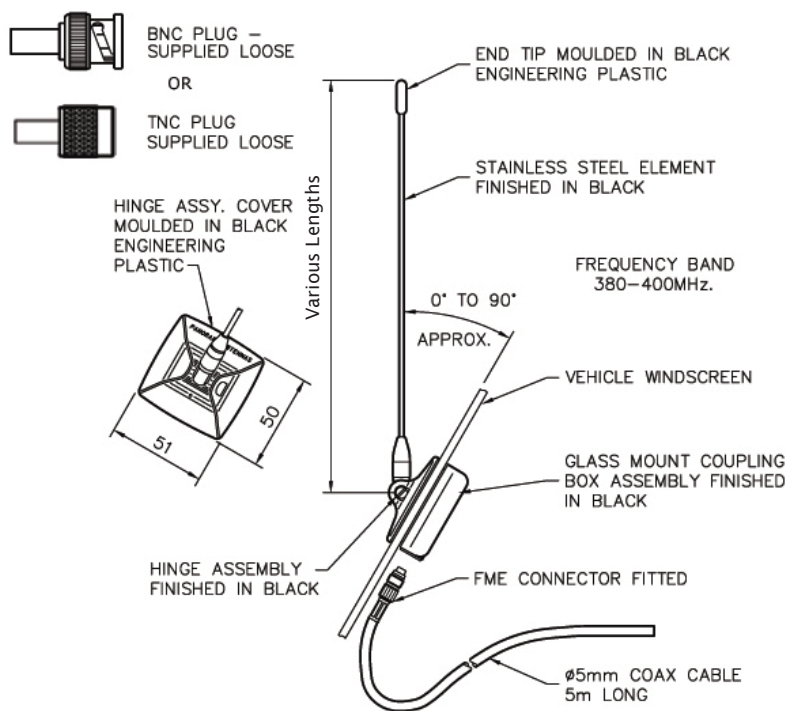


Typical VSWR v Frequency
(Picture 360MHz)

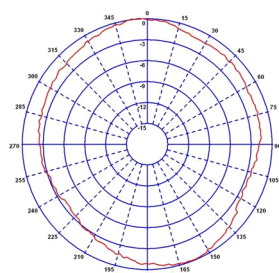


Glass mount antenna

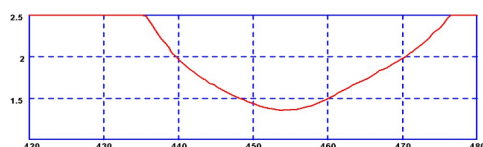
- Excellent Performance
- No Hole Installation
- Ground Plane Independent
- Solid State Coupling
- Can Be Removed Without A Trace
- Removable for Car Wash



Typical Polar Plot
(Picture 455MHz)



Typical VSWR v Frequency
(Picture 455MHz)



EADS kit consists of:

Glass mount antenna, 5m CS23 coax, loose TNC connector

Part No	Frequency
GM-R1-5TL	300 - 334MHz
GM-R2-5TL	350 - 370MHz
GM390-5TL	380 - 400MHz
GM420-5TL	410 - 430MHz
GM-S4-5TL	450 - 470MHz

Motorola kit consists of:

Glass mount antenna, 5m CS23 coax, loose BNC connector

Part No	Frequency
GM-R1-5BL	300 - 334MHz
GM-R2-5BL	350 - 370MHz
GM390-5BL	380 - 400MHz
GM420-5BL	410 - 430MHz
GM-S4-5BL	450 - 470MHz

Sepura kit consists of:

Glass mount antenna, 5m CS23 coax, loose BNC connector

Part No	Frequency
GM-R1-5BL	300 - 334MHz
GM-R2-5BL	350 - 370MHz
GM390-5BL	380 - 400MHz
GM420-5BL	410 - 430MHz
GM-S4-5BL	450 - 470MHz

Teltronic kit consists of:

Glass mount antenna, 5m CS23 coax, loose BNC connector

Part No	Frequency
GM-R1-5BL	300 - 334MHz
GM-R2-5BL	350 - 370MHz
GM390-5BL	380 - 400MHz
GM420-5BL	410 - 430MHz
GM-S4-5BL	450 - 470MHz

Tech Spec:

Gain: Isotropic 2dBi

Bandwidth @ 2:1 VSWR 5%

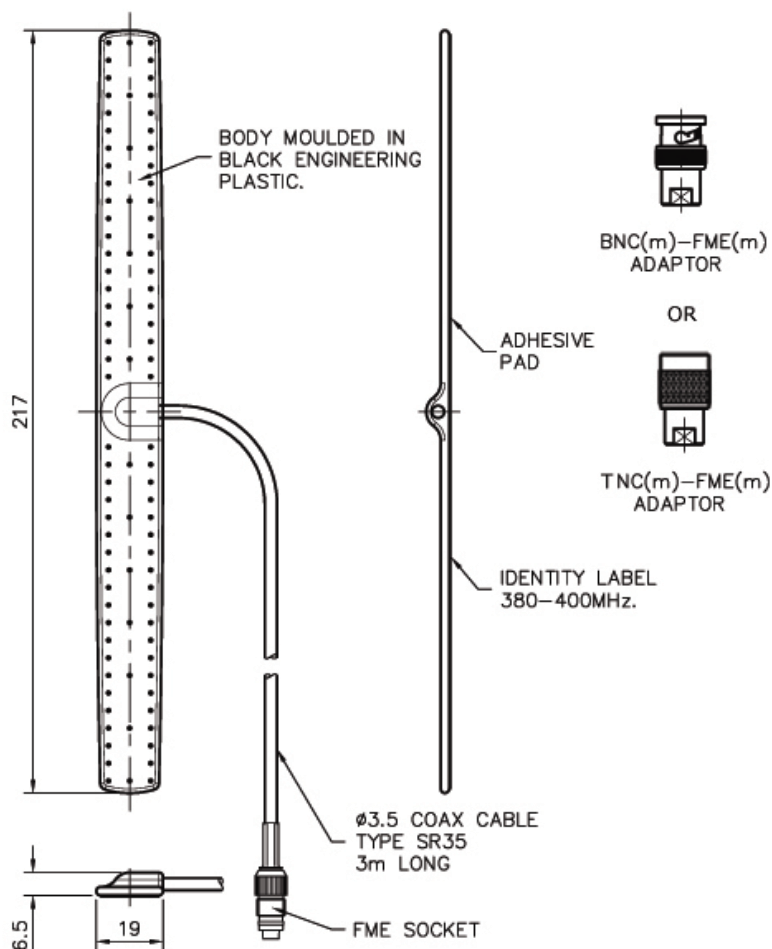
Maximum Height* (mm) 273

Minimum Height* (mm) 214

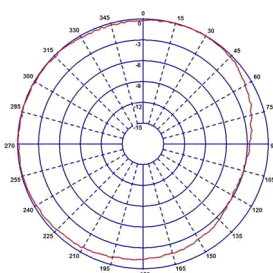
*Height Varies with Frequency

Covert Antenna

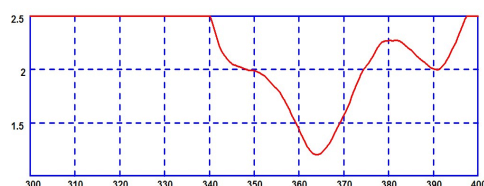
- Internal On-Glass Installation
- Ground Plane Independent
- No Hole Installation
- Fast Installation
- Covert Application



Typical Polar Plot
(Picture 360MHz)



Typical VSWR v Frequency
(Picture 360MHz)



EADS kit consists of:

Internal dipole antenna, 3m 3.5mm coax,
loose adaptor TNC connector

Part No	Frequency
EF-R1-3TL	300 - 334MHz
EF-R2-3TL	350 - 370MHz
EF-S1-3TL	380 - 400MHz
EF-S2-3TL	410 - 430MHz
EF-S3-3TL	380 - 420MHz
EF-S4-3TL	450 - 470MHz

Motorola kit consists of:

Internal dipole antenna, 3m 3.5mm coax,
loose adaptor BNC connector

Part No	Frequency
EF-R1-3BL	300 - 334MHz
EF-R2-3BL	350 - 370MHz
EF-S1-3BL	380 - 400MHz
EF-S2-3BL	410 - 430MHz
EF-S3-3BL	380 - 420MHz
EF-S4-3BL	450 - 470MHz

Sepura kit consists of:

Internal dipole antenna, 3m 3.5mm coax,
loose adaptor BNC connector

Part No	Frequency
EF-R1-3BL	300 - 334MHz
EF-R2-3BL	350 - 370MHz
EF-S1-3BL	380 - 400MHz
EF-S2-3BL	410 - 430MHz
EF-S3-3BL	380 - 420MHz
EF-S4-3BL	450 - 470MHz

Teltronic kit consists of:

Internal dipole antenna, 3m 3.5mm coax,
loose adaptor BNC connector

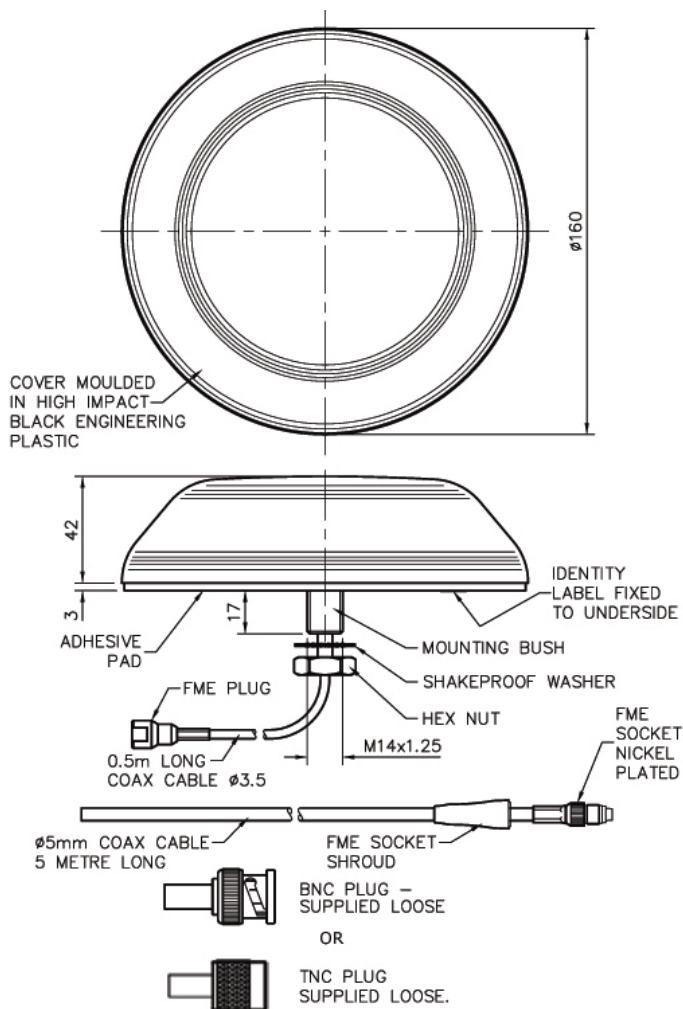
Part No	Frequency
EF-R1-3BL	300 - 334MHz
EF-R2-3BL	350 - 370MHz
EF-S1-3BL	380 - 400MHz
EF-S2-3BL	410 - 430MHz
EF-S3-3BL	380 - 420MHz
EF-S4-3BL	450 - 470MHz

Tech Spec:

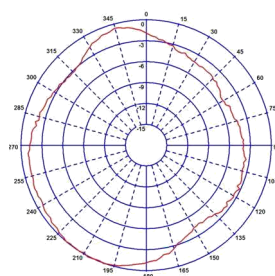
Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Element Length (mm)	217

Low Profile Antenna

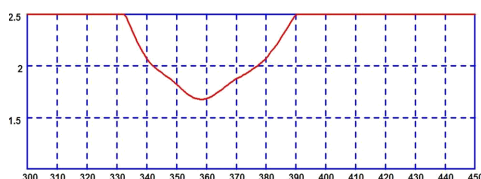
- Ground Plane Independent
- Panel Mount
- Simple One Hole Installation
- Robust Heavy Duty Application



Typical Polar Plot
(Picture 360MHz)



Typical VSWR v Frequency
(Picture 360MHz)



EADS kit consists of:

Low Profile ground plane independent Antenna, 50cm 3.5mm coax cable

5m CS23 (URM76) coax cable, loose TNC connector

Part No	Frequency
LP-R1-5TL	300 - 334MHz
LP-R2-5TL	350 - 370MHz
LP390-5TL	380 - 400MHz
LP420-5TL	410 - 430MHz
LP-S4-5TL	450 - 470MHz

Motorola kit consists of:

Low Profile ground plane independent Antenna, 50cm 3.5mm coax cable

5m CS23 (URM76) coax cable, loose BNC connector

Part No	Frequency
LP-R1-5BL	300 - 334MHz
LP-R2-5BL	350 - 370MHz
LP390-5BL	380 - 400MHz
LP420-5BL	410 - 430MHz
LP-S4-5BL	450 - 470MHz

Sepura kit consists of:

Low Profile ground plane independent Antenna, 50cm 3.5mm coax cable

5m CS23 (URM76) coax cable, loose BNC connector

Part No	Frequency
LP-R1-5BL	300 - 334MHz
LP-R2-5BL	350 - 370MHz
LP390-5BL	380 - 400MHz
LP420-5BL	410 - 430MHz
LP-S4-5BL	450 - 470MHz

Teltronic kit consists of:

Low Profile ground plane independent Antenna, 50cm 3.5mm coax cable

5m CS23 (URM76) coax cable, loose BNC connector

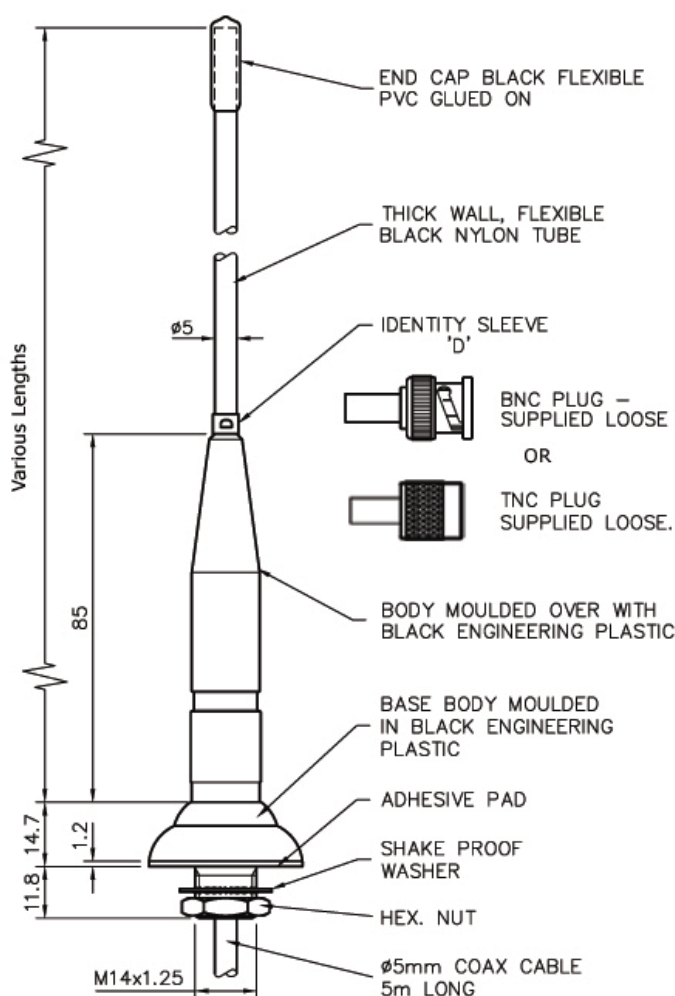
Part No	Frequency
LP-R1-5BL	300 - 334MHz
LP-R2-5BL	350 - 370MHz
LP390-5BL	380 - 400MHz
LP420-5BL	410 - 430MHz
LP-S4-5BL	450 - 470MHz

Tech Spec:

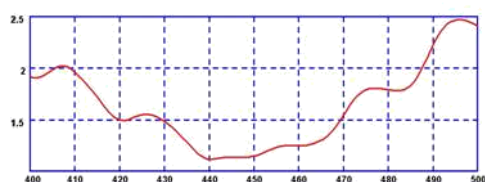
Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	5%
Height (mm)	45
Diameter (mm)	160

Motorcycle Antenna

- Rugged Application
- Panel Mount
- Ground Plane Independent
- Flexible Whip
- Moulded Coaxial Cable



Typical VSWR v Frequency
(Picture 451MHz)



EADS kit consists of:

Detachable 1/2 wave end fed flexible 2.2dB antenna, body mount insulated base with 5m CS23 (URM76), loose TNC connector

Part No	Frequency
HM-R1-3TL	300 - 334MHz
HM-R2-3TL	350 - 370MHz
HM-S1-3TL	380 - 400MHz
HM-S2-3TL	410 - 430MHz
HM-S3-3TL	380 - 420MHz
HM-S4-3TL	450 - 470MHz

Motorola kit consists of:

Detachable 1/2 wave end fed flexible 2.2dB antenna, body mount insulated base with 5m CS23 (URM76), loose BNC connector

Part No	Frequency
HM-R1-3BL	300 - 334MHz
HM-R2-3BL	350 - 370MHz
HM-S1-3BL	380 - 400MHz
HM-S2-3BL	410 - 430MHz
HM-S3-3BL	380 - 420MHz
HM-S4-3BL	450 - 470MHz

Sepura kit consists of:

Detachable 1/2 wave end fed flexible 2.2dB antenna, body mount insulated base with 5m CS23 (URM76), loose BNC connector

Part No	Frequency
HM-R1-3BL	300 - 334MHz
HM-R2-3BL	350 - 370MHz
HM-S1-3BL	380 - 400MHz
HM-S2-3BL	410 - 430MHz
HM-S3-3BL	380 - 420MHz
HM-S4-3BL	450 - 470MHz

Teltronic kit consists of:

Detachable 1/2 wave end fed flexible 2.2dB antenna, body mount insulated base with 5m CS23 (URM76), loose BNC connector

Part No	Frequency
HM-R1-3BL	300 - 334MHz
HM-R2-3BL	350 - 370MHz
HM-S1-3BL	380 - 400MHz
HM-S2-3BL	410 - 430MHz
HM-S3-3BL	380 - 420MHz
HM-S4-3BL	450 - 470MHz

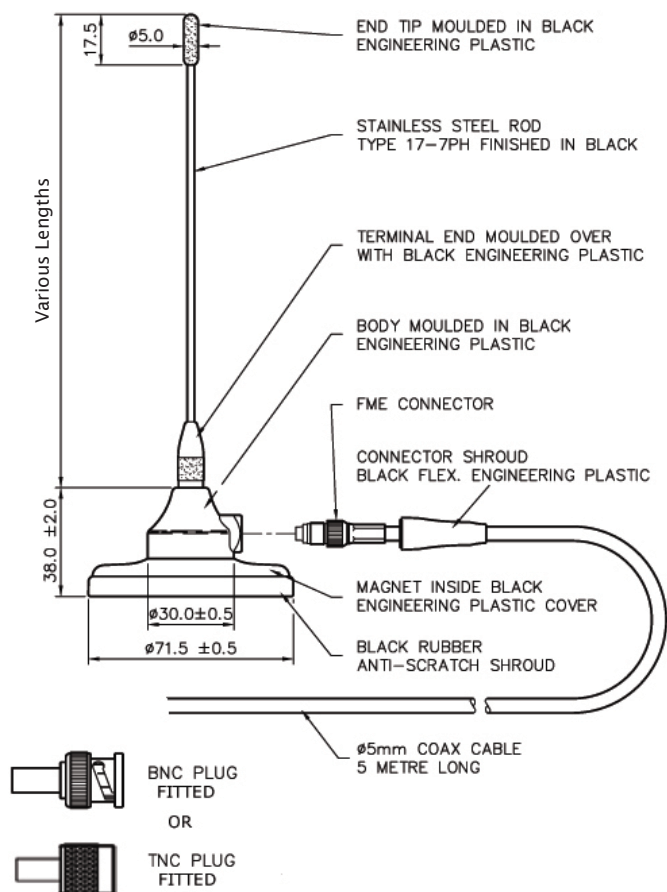
Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	8%
Maximum Height* (mm)	480
Minimum Height* (mm)	349

***Height Varies with Frequency**

Magnetic Mount Antenna

- No Hole Installation
- Easy Removal
- Strong Magnetic Retention
- Magnet Fitted with Protective Pad
- Detachable Cable



EADS kit consists of:

Midi mag base, 0dB whip, 5m CS23 (URM76) detachable cable with TNC connector fitted

Part No	Frequency
MD-R1-5T	300 - 334MHz
MD-R2-5T	350 - 370MHz
MD-TET-5T	380 - 430MHz
MD-S4-5T	450 - 470MHz

Motorola kit consists of:

Midi mag base, 0dB whip, 5m CS23 (URM76) detachable cable with BNC connector fitted

Part No	Frequency
MD-R1-5B	300 - 334MHz
MD-R2-5B	350 - 370MHz
MD-TET-5B	380 - 430MHz
MD-S4-5B	450 - 470MHz

Sepura kit consists of:

Midi mag base, 0dB whip, 5m CS23 (URM76) detachable cable with BNC connector fitted

Part No	Frequency
MD-R1-5B	300 - 334MHz
MD-R2-5B	350 - 370MHz
MD-TET-5B	380 - 430MHz
MD-S4-5B	450 - 470MHz

Teltronic kit consists of:

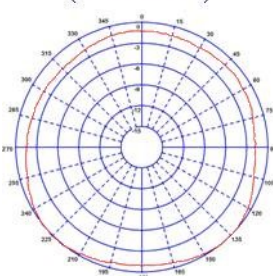
Midi mag base, 0dB whip, 5m CS23 (URM76) detachable cable with BNC connector fitted

Part No	Frequency
MD-R1-5B	300 - 334MHz
MD-R2-5B	350 - 370MHz
MD-TET-5B	380 - 430MHz
MD-S4-5B	450 - 470MHz

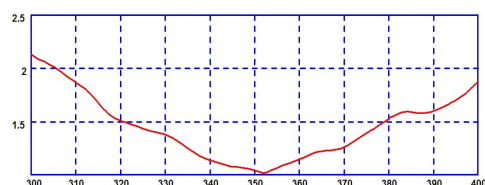
Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Maximum Height* (mm)	201
Minimum Height* (mm)	137
*Height Varies with Frequency	

Typical Polar Plot
(Picture 360MHz)



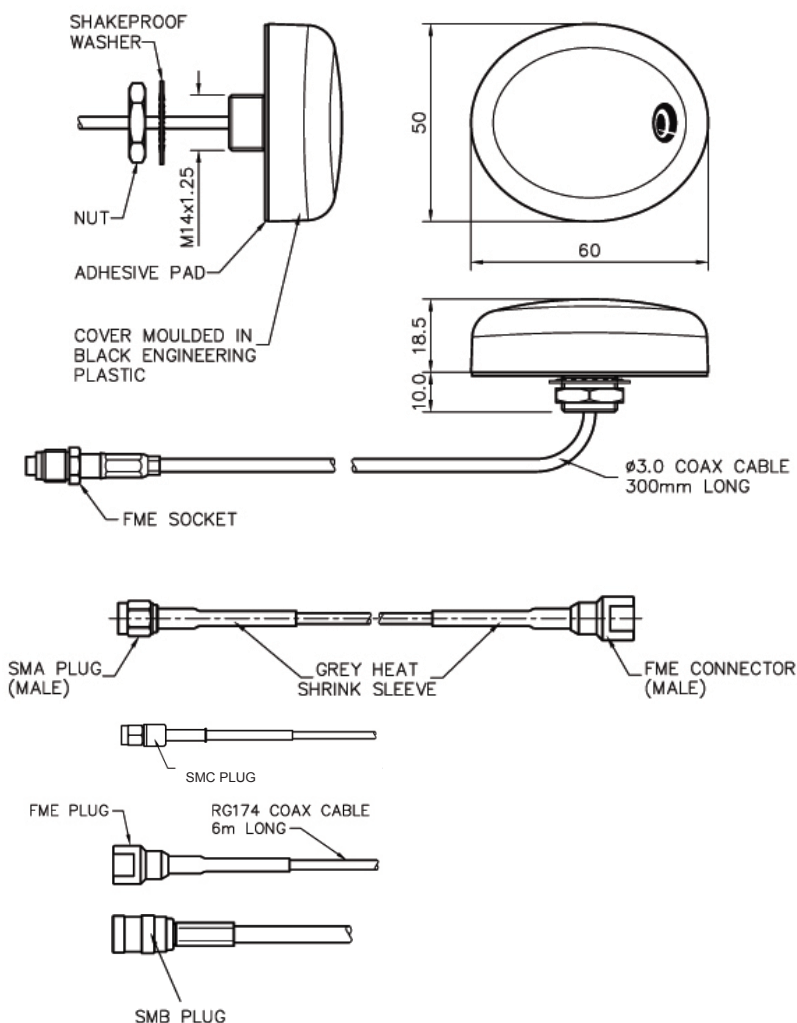
Typical VSWR v Frequency
(Picture 360MHz)



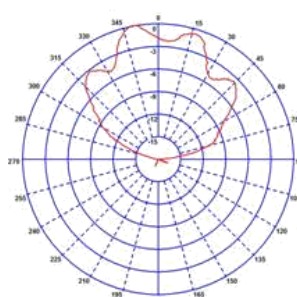
TETRA UHF & GPS

GPS Panel Mount Antenna

- Excellent Performance
- Panel Mount



GPS



EADS kit consists of:

GPS antenna 26dB LNA with 30cm cable
GPS cable, 6m RG174, SMA connector fitted

Part No

GPSP-6SP

Motorola kit consists of:

GPS antenna 26dB LNA with 30cm cable

Sepura kit consists of:

GPS antenna 26dB LNA with 30cm cable
GPS cable, 6m RG174, SMC connector fitted

Part No

GPSP-6SMCP

Teltronic kit consists of:

GPS antenna 26dB LNA with 30cm cable
GPS cable, 6m RG174, SMB connector fitted

Part No

GPSP-6SP

GPS cable, 6m RG174, FME connector fitted

Part No

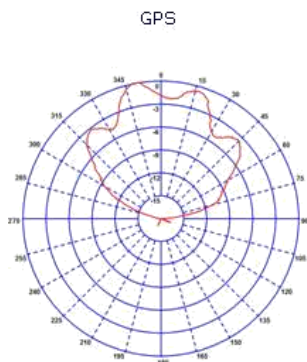
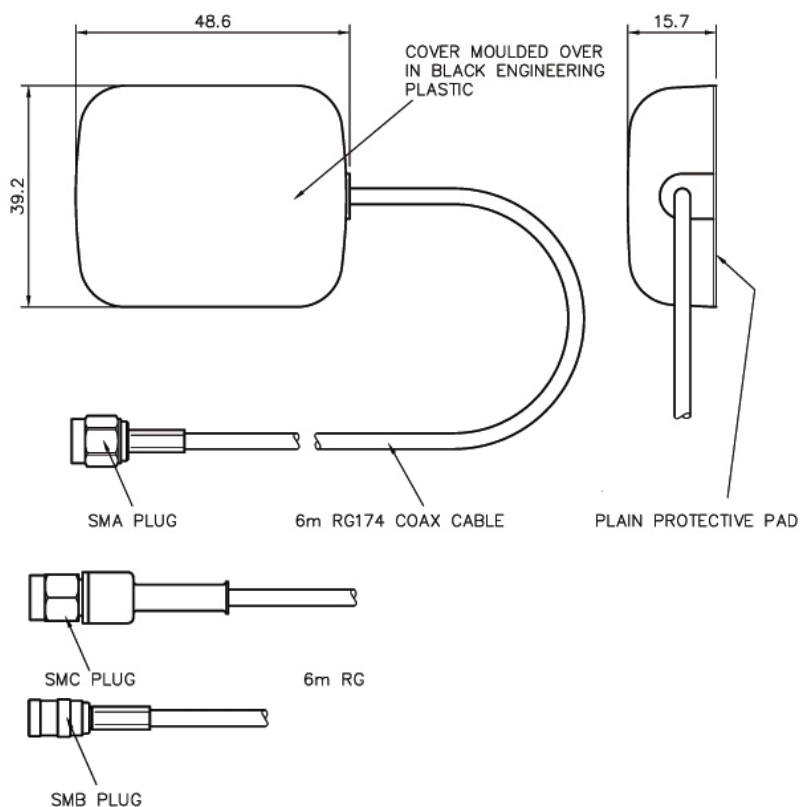
GPSP-6FP

Height (mm)	18
-------------	----

Panel Mount Antenna

GPS Mag Mount Antenna

- Excellent Performance
- Magnetic Mount



EADS kit consists of:

Magnetic mount GPS antenna 26dB LNA with 6m RG174 coax cable, SMA connector fitted

Part No

GPSME-6SP

Sepura kit consists of:

Magnetic mount GPS antenna 26dB LNA with 6m RG174 coax cable, SMC connector fitted

Part No

GPSME-6SMCP

Teltronic kit consists of:

Magnetic mount GPS antenna 26dB LNA with 6m RG174 coax cable, SMB connector fitted

Part No

GPSME-6SP

Tech Spec:

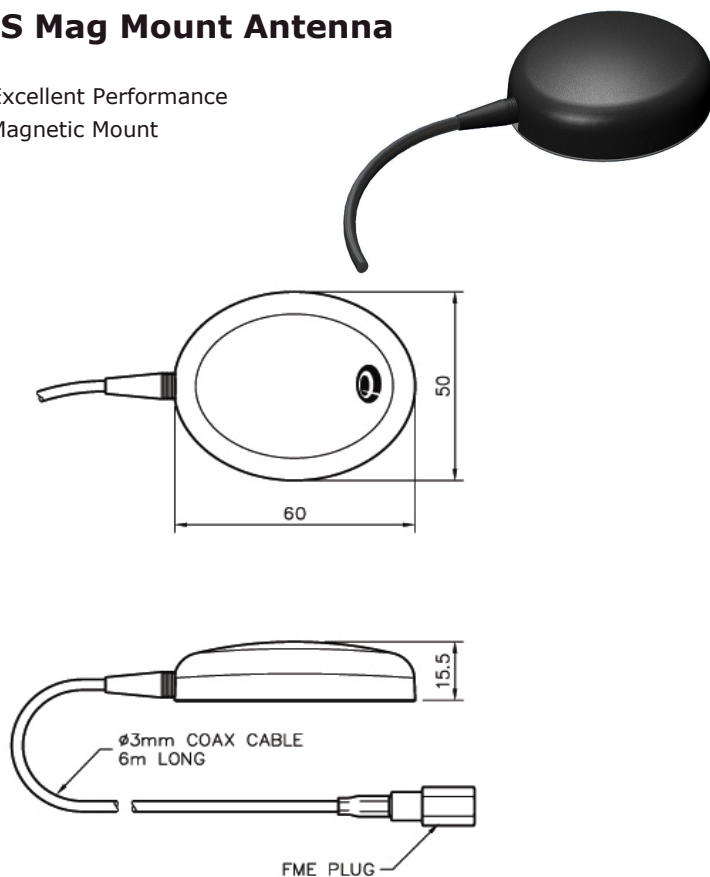
Gain (LNA)	26dB
VSWR	<2.0:1
Height (mm)	15

Magnetic Mount Antenna

TETRA UHF & GPS

GPS Mag Mount Antenna

- Excellent Performance
- Magnetic Mount



Motorola kit consists of:

Magnetic mount GPS antenna 26dB LNA with 6m RG174 coax cable, FME connector fitted

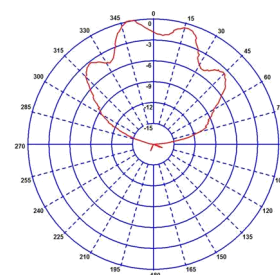
Part No

GPSM-6FP

Tech Spec:

Gain (LNA)	26dB
VSWR	<2.0:1
Height (mm)	15

GPS



Magnetic Mount Antenna

SRH "T" PIECE (DIPOLE) ANTENNA

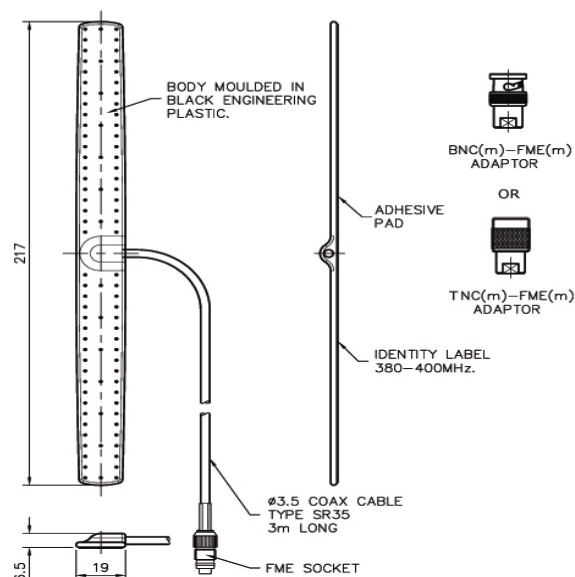
SRP3000 / SRH3500 / 3800 / 3900



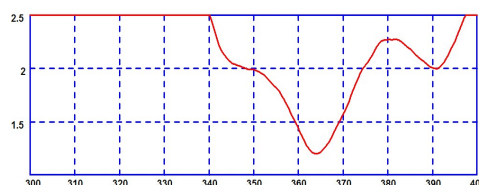
Tech Spec:

Kit supplied
EF-S1-3F - DI-POLE ANTENNA (380-400MHZ)
CA-TP-FP - RF ANTENNA ADAPTER

FOR USE WITH HAND HELD RADIO
Should you require for a different radio model
Please contact the sales dept



Typical VSWR v Frequency
(Picture 360MHz)

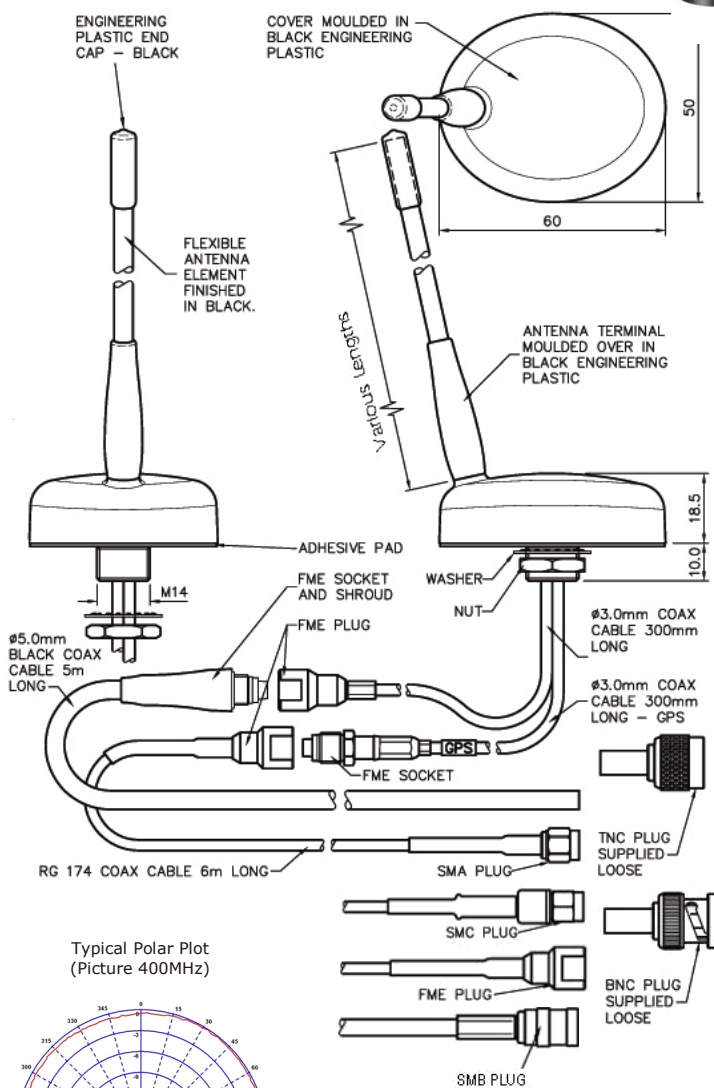


TETRA UHF & GPS

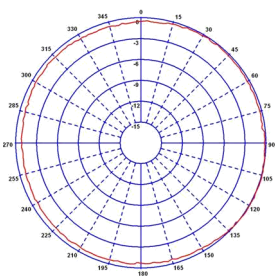
GPS & Tetra Combination Antenna

Replacement Antenna is AFB-TET , Flexible 380-430MHz

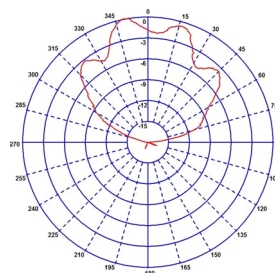
- GPS & Tetra Combination
- Panel Mount
- Active GPS Element
- Flexible Whip
- Single Hole Fixing



Typical Polar Plot
(Picture 400MHz)



GPS

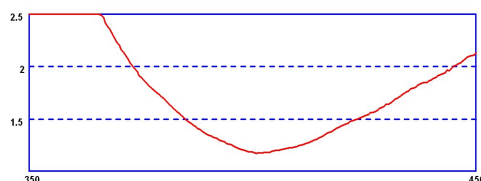


Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	10%
Maximum Height* (mm)	213
Minimum Height* (mm)	153

*Height Varies with Frequency

Typical VSWR v Frequency
(Picture 400MHz)



EADS kit consists of:

Gpsk-ff combi antenna unit 26dB LNA, flexible ¼ wave whip with 2 x 30cm cable, fme (f) GPS, fme (m) Tetra

GPS cable, 6m RG174 fme plug to SMA plug

Comms cable, 5m CS23 (URM76) with loose TNC connector

Part No	Frequency
GPSK-R1-EAD	300 - 334MHz
GPSK-R2-EAD	350 - 370MHz
GPSK-TET-EAD	380 - 430MHz
GPSK-S4-EAD	450 - 470MHz

Motorola kit consists of:

Gpsk-ff combi antenna unit 26dB LNA, flexible ¼ wave whip with 2 x 30cm cable, fme (f) GPS, fme (m) Tetra

GPS cable, 6m RG174 fme plug to FME plug

Comms cable, 5m CS23 (URM76) with loose BNC connector

Part No	Frequency
GPSK-R1-MOT	300 - 334MHz
GPSK-R2-MOT	350 - 370MHz
GPSK-TET-MOT	380 - 430MHz
GPSK-S4-MOT	450 - 470MHz

Sepura kit consists of:

Gpsk-ff combi antenna unit 26dB LNA, flexible ¼ wave whip with 2 x 30cm cable, fme (f) GPS, fme (m) Tetra

GPS cable, 6m RG174 fme plug to SMC plug

Comms cable, 5m CS23 (URM76) with loose BNC connector

Part No	Frequency
GPSK-R1-SEP	300 - 334MHz
GPSK-R2-SEP	350 - 370MHz
GPSK-TET-SEP	380 - 430MHz
GPSK-S4-SEP	450 - 470MHz

Teltronic kit consists of:

Gpsk-ff combi antenna unit 26dB LNA, flexible ¼ wave whip with 2 x 30cm cable, fme (f) GPS, fme (m) Tetra

GPS cable, 6m RG174 fme plug to SMB plug

Comms cable, 5m CS23 (URM76) with loose BNC connector

Part No	Frequency
GPSK-R1-TEL	300 - 334MHz
GPSK-R2-TEL	350 - 370MHz
GPSK-TET-TEL	380 - 430MHz
GPSK-S4-TEL	450 - 470MHz

REPLACEMENT ANTENNA ONLY

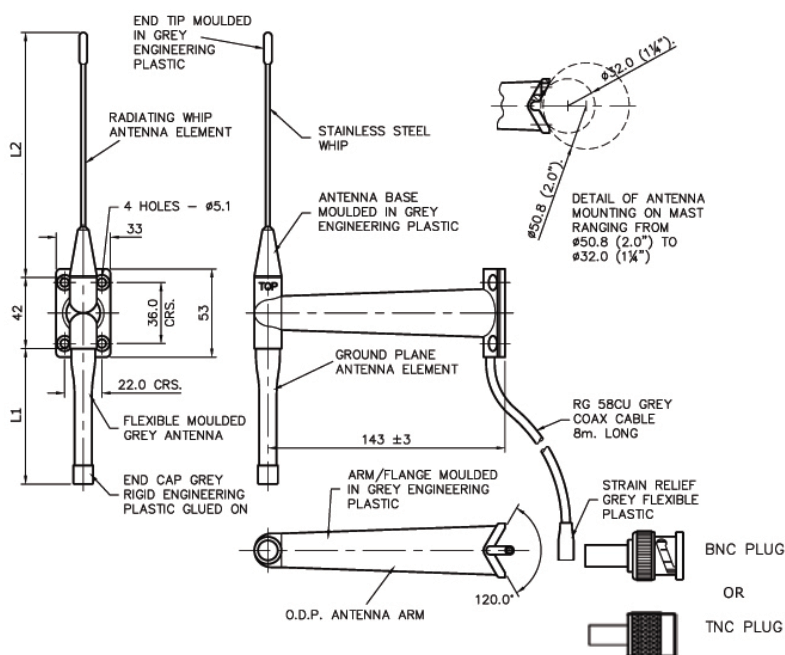
AFB-TET—Replacement
without locking screw

AFBL-TET—Replacement
with locking screw

Combination Antenna

Fixed Site Antenna

- Use With Fixed Radio Terminal
- Improved Range
- Easy Installation
- Wall Mount or Mast Mount



EADS kit consists of:

Wall / Mast mount antenna 0dB with 8m RG58 coax, fitted TNC connector

Part No	Frequency
ODP-R1-8T	300 - 334MHz
ODP-R3-8T	350 - 370MHz
ODP-TET-8T	380 - 420MHz
ODP-S4-8T	450 - 470MHz

Motorola kit consists of:

Wall / Mast mount antenna 0dB with 8m RG58 coax, fitted BNC connector

Part No	Frequency
ODP-R1-8B	300 - 334MHz
ODP-R2-8B	350 - 370MHz
ODP-TET-8B	380 - 420MHz
ODP-S4-8B	450 - 470MHz

Sepura kit consists of:

Wall / Mast mount antenna 0dB with 8m RG58 coax, fitted BNC connector

Part No	Frequency
ODP-R1-8B	300 - 334MHz
ODP-R2-8B	350 - 370MHz
ODP-TET-8B	380 - 420MHz
ODP-S4-8B	450 - 470MHz

Teltronic kit consists of:

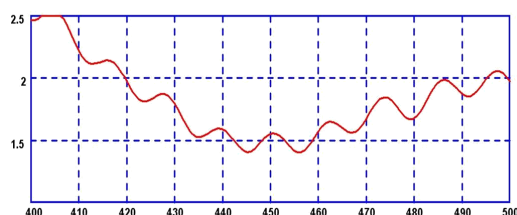
Wall / Mast mount antenna 0dB with 8m RG58 coax, fitted BNC connector

Part No	Frequency
ODP-R1-8B	300 - 334MHz
ODP-R2-8B	350 - 370MHz
ODP-TET-8B	380 - 420MHz
ODP-S4-8B	450 - 470MHz

Tech Spec:

Gain: Isotropic	2dBi
Bandwidth @ 2:1 VSWR	8%
Maximum Height* (mm)	310
Minimum Height* (mm)	221
*Height Varies with Frequency	

Typical VSWR v Frequency
(Picture 460MHz)



CELLULAR & LTE ANTENNAS

CONSUMER WIRELESS ANTENNAS

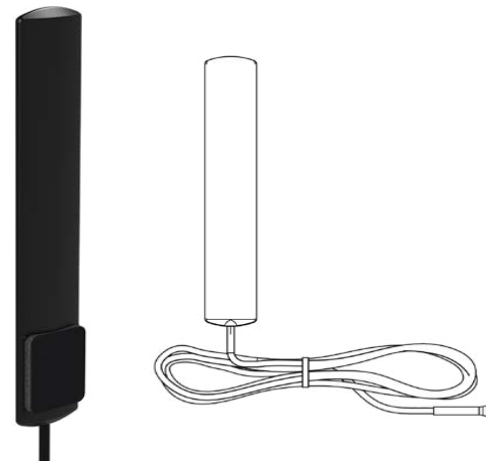
TPD-BC3G-26

Hook and loop attachment for laptop

Suitable for OEM bundling

Slim Line and lightweight to enhance LTE signal on the go

- This simple multi-band solution can be used to enhance the performance of USB modems. The small size and low cost makes it an ideal in-box accessory for customer retention offers or promotional deals.
- Its innovative hook and loop attachment for laptops allows it to easily be utilised on the move, whilst its small and streamlined design means that when not in use it slips conveniently into a laptop bag or briefcase.



CONSUMER WIRELESS ANTENNAS

MAR-7-21-2SP

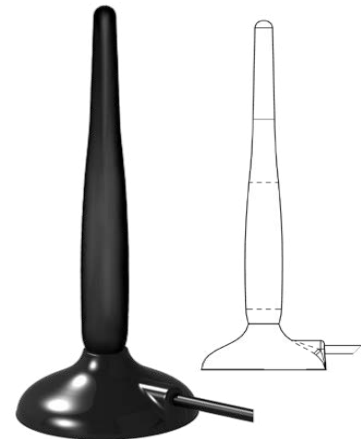
Magnetic mount base for temporary installation

Covers 2G,3G,4G Cellular

Compact overmould design for durability

Slimline appearance

- The MAR-7-21-2SP is a compact, flexible cellular whip with a magnetic base for temporary mounting situations.
- This versatile whip performs across six major cellular & GSM/LTE bands supporting 2G,3G,4G cellular technologies.
- The stylish flexible design of the antenna whip makes it both discreet in appearance and resistant to damage



CONSUMER WIRELESS ANTENNAS

WMMG-7-27

Supports MiMo across 4G, 2G, & 3G

Two wideband elements with gain

Durable housing for indoor or outdoor use

Suitable for mast, wall & desk mounting

- The WMMG-7-27 antenna offers an innovative and futureproof solution for 2G,3G & 4G networks. It incorporates two separately fed ultra wideband elements in a single housing to provide client side MiMO and diversity support for the networks of today and tomorrow. The WMMG provides extra directional gain performance for networks where it is needed most.
- 5 metres (16') of fitted, low-loss, double shielded twin cable minimises exposed connector joints and simplifies cable management for easy installation.
- The WMMG is a cost effective, value added product for network operators and service providers. It ensures a stable link with improved data rates for subscribers, thereby improving satisfaction and retention.



FIXED SITE ANTENNAS

LBP-7-27

Low Profile
Excellent Bandwidth
High impact resistant housing
Compact design

- The Panorama LPB low profile antenna range has been designed to perform in any environment. At only 82mm (3.2") high and in a robust high impact radome, the antenna is almost impervious to daily wear, tear and impact.
- The LBP offers excellent performance across a wide bandwidth. Mounted on a 400 x 400mm (15.7" x 15.7") ground plane, the LPB covers LTE frequencies as well as all global cellular frequencies from 698-960 MHz and 1710-2700MHz, making it an extremely versatile product.
- Supplied with a convenient adhesive pad and a short pigtail for connection to a cable extension or run an integrated 5m cable run, the antenna is cost effective to install and adaptable to any install environment.



INBUILDING & DAS ANTENNAS

CM-7-60-NJ

Discreet ceiling mount design
Highly efficient wideband coverage
Small Footprint and removable valance

- A compact ceiling antenna providing optimum InBuilding or DAS coverage for all network requirements. Concealed beneath the antenna housing is a highly efficient wideband element capable of supporting 2G, 3G, & 4G, WLAN and WiMAX networks from 698-960MHz and 1710-6000Mhz.
- Suitable for indoor use, the antenna only requires one mounting hole for installation but offers additional screw fixing holes located beneath a rotating valance. The antenna is ground plane independent and can be fitted onto both thick and thin ceiling tiles.



INBUILDING & DAS ANTENNAS

CMMG-7-60-NJ

Discreet ceiling mount design
2 x ultra wideband 700-6000MHz elements
Concealed screw fixings
Low PIM & SAR tested to EN50385:2002

- The CMMG-7-60-NJ ceiling antenna offers low PIM 2x2 MiMo coverage across 2G, 3G, 4G frequencies for InBuilding and DAS installations in a discreet and easy to install housing.
- The antenna only requires two mounting holes for installation via the fitted low PIM female connectors. It is ground plane independent and can be fitted onto both thick and thin ceiling tiles.

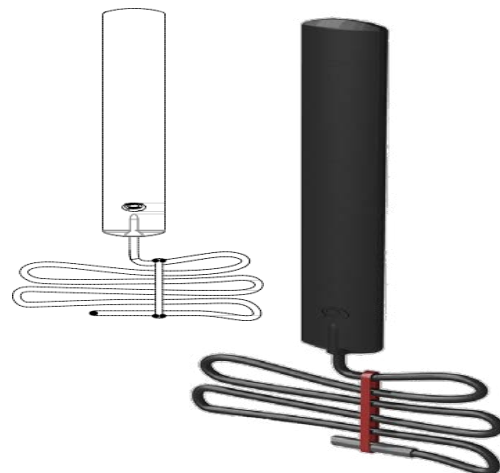


VEHICULAR ANTENNAS

EF-BC3G-26

**700 MHz LTE, Quadband Cellular, 3g UMTS, AWS
LTE/ WiMAX 2.6 GHz**
Discreet adhesive pad fitment
Suitable for mounting to plastic or glass

- EF-BC3G-26 is a range of highly efficient and portable antennas for 2G, 3G and 4G modems and datacards. These paddle antennas are easily positioned on a device housing or vehicle windscreen using the supplied automotive industry grade adhesive pad.
- The antenna is ultrawideband and ground plane independent making it ideal for machine-to-machine and mobile data applications. Covering 698-960, 1710-2170 and 2396-2700 MHz, the EF-BC3G-26 is designed to support the full range of 2G, 3G and 4G frequencies globally.
- The antenna is constructed from weather resistant plastic and is suitable for use in semi-exposed scenarios.



VEHICULAR ANTENNAS

GPS0-7-27 & GPSC-7-27

Windscreen or dashboard mount
Adhesive pad fixing
Combined GPS & Wideband LTE/Cellular element

- The windshield mounted GPS0 and the dashboard mounted GPSC make it easy to get around, allowing GPS and cellular & LTE coverage improvements in one small device. Power-up your modem and navigation system with these discreet antennas which can offer improved signal over embedded antennas.
- Mounting the GPS0 antenna is simple thanks to its adhesive pad and its unique design. The antenna will still perform even on vertical windscreens, making ideal for use on heavy goods vehicles (HGVs) and lighter vehicles alike.
- The GPSC is totally flexible and unique 'either way up' mounting system enables you to position the antenna on or under any surface. This makes it the ideal antenna for secure asset management systems.



VEHICULAR ANTENNAS

TRNB[G]-7-27

Standard four hole rail fixing
Suitable for overground & underground trains
Waterproof N connector
Optional GPS available

- The TRNB(G) antenna series is designed specifically for use on trains, trams and buses underground or overground. Operating wideband across all frequencies from 698MHz to 6000MHz, the TRNB(G) range is versatile and future proof.
- The TRNB(G)-7-27 series covers GSMR, 700 MHz LTE, 800MHz TETRA and trunking bands along with all cellular and GSM frequencies, 2.4 & 5.8GHz WLAN, 2.6 GHz LTE and WiMAX all in one housing.
- The TRNB(G) has a DC grounded radiating element and in versions with a GPS module it is protected by a gas discharge surge arrestor. Housed in a high impact, flame retardant LEXAN housing, the TRNB(G) series is weatherproof, ensuring that the antenna's performance is never compromised.



VEHICULAR ANTENNAS



GPSB

All 2G, 3G & 4G Cellular bands
Integrated GPS 2.4/4.9-6GHz WIFI & WLAN
Optional detachable whip element

- The GPSB provides antenna coverage for multiple technologies within one antenna housing. Trusted by public safety organisations, utilities and transportation companies all over the world, the GPSB sets the industry standard in functionality.
- The GPSB offers three internal antenna systems, GPS, 2G, 3G & 4G cellular, dual band WiFi/ WiMAX as well as an optional external whip.
- Requiring only a single hole fixing, the GPSB reduces vehicle damage, visual impact and cost of installation, whilst protecting vehicle resale value.
- The OEM shark fin style design provides multiple antenna functions whilst remaining discreet.

DUAL SPLITTERS



TETRA UHF

DBLC-TET-N

Branch Line Antenna Combiner

- Combines two TETRA radios on the same antenna
- Combines two antennas on the same radio
- When you can only fit one antenna on a vehicle, then this combiner is the solution providing > 26dB isolation over the 380-430MHz with an antenna match at 1.2:1 with low insertion loss



Wideband Cellular Power Divider

DBLC-C23G-2N

Branch Line Antenna Combiner

- Two outputs
- Wide operating frequency 700-2700MHz
- The wideband cellular power divider can split up to 50 Watts of power from a single source over two outputs with low VSWR and insertion loss.
- In situations where very high port-to-port isolation is not required this power divider can also be used to connect multiple receivers to



GPS Two Port Power Divider

DPD-GPS

- Reduce installation costs
- Run two GPS receivers from a single antenna
- The DPD-GPS is perfect for ensuring that multiple compatible GPS receivers can be used in the same vehicle with the minimum number of antennas thereby reducing clutter and installation costs

OTTO®

Expect Excellence.

Evolution with
optional antenna
connector
IS/ATEX certified



Two-way radio accessories
that bear the OTTO name
crafted with precision.

OTTO promises reliability in combat situations, control in demanding applications, and safety and security above all.



OTTO
Professional surveillance kits,
one, two and three
wire earphone kits
available

- Quick disconnect
- Kevlar reinforced cables



- OTTO Tactical IV
- Designed to fit under a helmet or cap
- Combination speaker & boom microphone slide onto headband
- Flexible boom microphone for easy adjust-



OTTO Over-the-Head
heavy duty headset
IS/ATEX certified



PROFESSIONAL WIRELESS ACCESSORIES



Please contact the
Sales Dept for OTTO Product Catalogues

SPECIALIST BATTERIES



Replacement Medical Battery Packs
Sealed Lead Acid Batteries
UPS Replacement Batteries
Original Manufacturer Medical Batteries
Emergency Lighting Batteries
Chargers
Testers



Alkaline & Rechargeable Batteries/Single Cell Chargers, Lithium Batteries
Custom Built Packs



Please contact our sales team for further information



SCANNER BATTERIES

Also available from Axess are a wide range of scanner batteries.
These are available for Bass, Casio, Chameleon RF, Denso (Nippon),
Epson, Fujitsu, Hand Held Products (HHP), Intermec Norand, Itronix, Husky, LXE, Metrologic,
Monarch, O'Neil, PSC, Percon, Psion Teklogix, Symbol, Telxon, Walkabout and Zebra.
For more information please contact our sales team or visit our website.



A FEW OF THE SCANNER BATTERIES AVAILABLE



TERMS & CONDITIONS OF WARRANTY

Warranty Statement

The following excludes clearance stock (items from specific clearance list) which is sold with an out of box warranty only. All warranty items will be repaired or replaced by Axess International Ltd after testing, where applicable.

The costs for returning faulty items to Axess International Ltd will be covered by the customer unless a prior agreement has been made by both parties. Axess International Ltd will pay all other shipping charges and costs for returning the replaced or repaired product to the customer provided it is not deemed customer abuse/misuse.

Axess International Ltd accepts no responsibility for any items returned by a non-traceable method. Customers are advised to package the goods correctly as Axess International Ltd cannot accept responsibility for goods damaged in transit due to poor or inadequate packaging.

Please make sure date code labels on products are not removed, if these labels are removed the warranty will be void.

Please contact us on 01327 301090 prior to returning goods back in order to obtain a returns reference number. This will allow us to process your return efficiently and effectively.

Battery Warranties

Rechargeable NiMH, NICAD & Li-ion and Sealed Lead Batteries

Battery will maintain no less than 80% rated capacity for a 12 month period from date of purchase from Axess International Ltd.

Non-rechargeable Single & Primary Cells

Battery will perform at 100% rated capacity upon delivery from Axess International Ltd.

Alfatronix

Desktop power supplies will function under normal working conditions and come with a life time guarantee.

PMR Accessory Warranty

Audio accessories will function under normal working conditions with reasonable wear and tear for a 12 month period from date of purchase.

Good Stock Returned For Credit

Goods or unwanted stock may only be returned for credit if the item is unused, in its original packaging and within 14 days from the original date of purchase from Axess International Ltd. All items returned will be subject to a 20% re-stocking fee.

Special Order, Sold To Order Items

Special order items carry the same warranty as laid out above, dependent upon the product, with the exception of "good stock" Please note that once placed, special orders cannot be cancelled or returned as unwanted stock. These items may only be returned if found to be faulty.

Electronic Warranties

IC Series Charger & Charger/Discharger

Charger shall be free from defects in material and functionality for a 12 month period from the date of purchase from Axess International Ltd. The warranty period covers parts and labour where required.

After the warranty period a quote for repair, including parts and labour will be raised and faxed to the customer. Upon acceptance of the quote the repair will go ahead. Once complete the item will be returned to the customer and a charge of £9.95 (excl VAT) will be made to cover the carriage cost.

If the quote is not accepted, the item will be returned to the customer and a charge of £9.95 (excl VAT) will be made to cover the carriage cost, unless the item is no longer required, in which case Axess International Ltd can dispose of the goods.

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

Radio Batteries
Radio Audio Accessories
TETRA and ESN solutions
Chargers
Alfatronix Power Supplies
Alfatronix Power & Voltage Converters
Panorama Antennas
OTTO Excellence Products

Sealed Lead Acid Batteries
Medical Batteries
OEM Accessories
Primary Cell Batteries
Scanner Batteries
Crane Remote Batteries
Custom Battery Pack Design



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