2-Band Marine Antenna Covering Marine VHF and 900 MHz Cellular (GSM, NMT-900)

DESCRIPTION

- Covers 155 – 162 MHz (marine VHF) and 890 – 960 MHz (GSM and NMT-900) with 0 dBd gain on both bands.
- Mounting using standard marine 1" revolving nut system.
- The existing antenna can easily be replaced – the downlead cable may be reused.
- Saves space and weight in the masthead.
- Performs much better than two antennas (often mounted too close to each other – thereby reducing each other's performance).
- Only one downlead cable necessary – saves additional weight. RG 213 recommended for lowest cable loss on both bands.
- Mount the antenna as high as possible and unobstructed by metal objects.
- Optional splitting filter (diplexer) type DIPX 225/330 available to connect the two radio telephones to the downlead cable.
- Wide range of accessory mounting brackets available (See accessories tab).

ORDERING

Model	Product No.
CXL VHF/GSM	110000127

SPECIFICATIONS

Electrical	
Model	CXL VHF/GSM
Frequency	Marine VHF: 155 - 162 MHz GSM/NMT: 890 - 960 MHz
Antenna Type	Dual-frequency coaxial antenna
Max. Input Power	100 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	Marine VHF: 2 dBi 0 dBd GSM/NMT: 2 dBi 0 dBd
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f)
Materials	Shroud: Polyurethane coated glass fibre Mounting bracket: Chromed brass
Colour	White (RAL 9003)
Wind Area	0.013 sq. m / 0.14 sq. ft
Wind Load	15 N (160km/h)
Dia. At Top End	8 mm / 0.31 in.
Dia. At Bottom End	16 mm / 0.63 in.
Height	1100 mm / 43.31 in.
Weight	0.4 kg / 0.88 lb
Mounting	On 1" RG (G1"-11) threaded pipe or on optional mounting brackets (see accessories). Revolving nut enclosed

Environmental	
Operating Temperature Range	-30°C to +70°C

ADDITIONAL DATA

FME-SYSTEM ACCESSORIES

FME-CABLES	
TYPE	**PRODUCT NO.**
1 m FME	130000437
2 m FME	130000447
3 m FME	130000457
4 m FME	130000466
5 m FME	130000474
6 m FME	130000483
4 m FME-white	110000064
6 m FME-white	110000066
12 m FME-white	110000068
18 m FME-white	110000069

FME-CONNECTORS	
TYPE	**PRODUCT NO.**
FME-FME	130000583
FME-P (Prolongation)	130000565
FME-N	130000571
FME-FSMA (Female-SMA)	130000578
FME-BNC	130000566
FME-TNC	130000569
FME-UHF	130000572
FME-MUHF (Mini-UHF)	130000573
FME-EMUHF (Elbow-MUHF)	130000582
FME-EBNC (Elbow-BNC)	130000580
FME-ETNC (Elbow-TNC)	130000581
FME-SMA	130000577

For further information about other types of FME-cables and FME-connectors, please compare the cable and connector data sheets under accessories.

ACCESSORIES (TO BE ORDERED SEPARATELY)

FLG	SMR 1	SMR 2	YA-Bracket	LW-SS-1"
MariFix 1 ALSO NEED ADT	MariFix 2 ALSO NEED ADT	ADT	JPC 40 FME/58/FN Jumper cable FME-N female	DIPX 225/330