

Quadruple-Band Base Station and Marine Antenna for the 900 MHz, 1800 MHz, 1900 MHz and the 2000 MHz

DESCRIPTION

- Quadruple-Band base station and marine antenna – four bands with only one antenna.
- Covering both GSM/NMT-900, DCS-1800/PCN (GSM 900/1800) PCS-1900 and UMTS.
- Particularly suitable for use with triple-band mobile phones.
- Unity gain on all bands.
- Simple mounting using the 1" revolving nut system.
- Wide variety of accessory mounting brackets available.



SPECIFICATIONS

Electrical	
Model	CXL 900/1800/1900/UMTS
Frequency	800-960 MHz / 1710-1880 MHz / 1850-1990 MHz / 1900-2200 MHz (GSM 900/DCS-1800/PCS-1900/UMTS)
Antenna Type	Quadruple-Band base station and marine antenna
Max. Input Power	100 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	-2.2 dBd (0 dBi)
VSWR	GSM @ ≤ 2.0:1 DCS-1800 @ ≤ 2.0:1 PCS-1900 @ ≤ 3.0:1 UMTS @ ≤ 3.0:1
HCM Code(s)	HCM000ND00, 030DE00
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	17 N (160 km/h)
Dia. At Top End	21 mm / 0.83 in.
Dia. At Bottom End	23 mm / 0.91 in.
Height	Approx. 450 mm / 17.72 in.
Weight	Approx. 0.3 kg / 0.66 lb.
Mounting	On 1" RG (G1" - 11) threaded water pipe or on optional mounting brackets (see accessories)
Environmental	
Operating temperature range	-30 °C to +70 °C
Survival Wind Speed	200 km/h
Ingress Protection	IP66

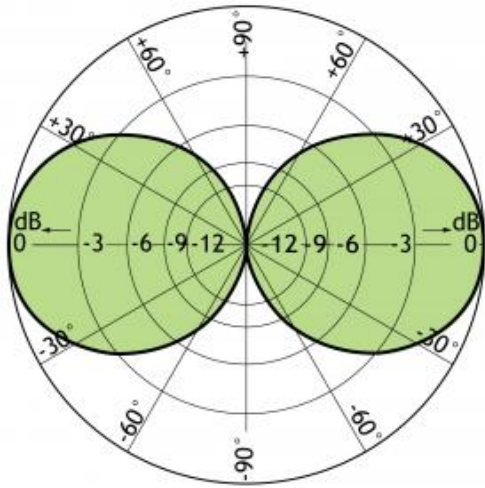
ORDERING

Model	Product No.
CXL 900/1800/1900/UMTS	110000230

ACCESSORIES (TO BE ORDERED SEPARATELY)

<p>FLG</p>	<p>SMR 1</p>	<p>SMR 2</p>	<p>YA-Bracket</p>
<p>LW-SS-1"</p>	<p>MariFix 1</p>	<p>MariFix 2</p>	<p>ADT</p>

TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)

