

OMNIDIRECTIONAL MARINE Antenna for W-LAN 2.4 GHz

SCO-2.4-6 MARINER p/n 2331520.83

Electrical Data:

Type:	Colinear Dipole Array
Frequency Range:	2300-2500 MHz for W-LAN band
Impedance:	50 Unbalanced
Polarization:	Linear Vertical
Gain:	6 dBi
3 dB Beamwidth Vertical:	E-plane 22° at 2442.5 MHz
Beamwidth Horizontal:	H-plane 360° Omnidirectional
Downtilt:	0°
V.S.W.R. in Bandwidth:	1.5:1
Max Power:	20 Watts (CW) at 50° C
Lightning protection:	DC-ground
Cable Length /Type:	5.5m, other lenght on request/ RG 58
Connector:	SMA-male other type on request

Mechanical Data:

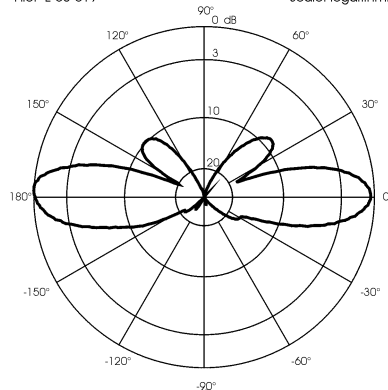
Constructions Materials:	Stainless Steel, Chromed Brass, White Fiberglass
Height (approx.):	340 mm (without fixing bracket)
Weight (approx.):	470 gr
Operating Temperature:	-40° C to +80° C



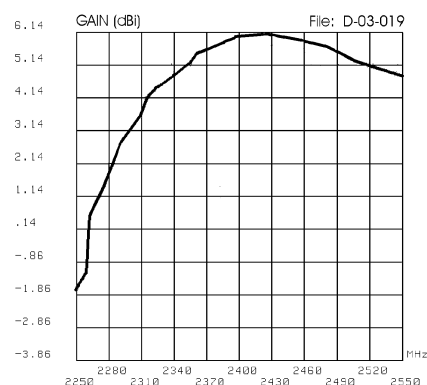
TYPICAL RADIATION PATTERN in E-plane at 2442.5 MHz

File: E-03-019

Scale: logarithmic



TYPICAL GAIN DIAGRAM vs FREQUENCY



TYPICAL S.W.R. RESPONSE

