

2.4 GHz Sector Antenna AirEther™ SA1218



Unit :mm

TECHNICAL DATA

Electrical Properties

Frequency Range	: 2.45GHz±50MHz
Impedance	: 50 OHMS ±5Ω
SWR	: ≤1.5
Gain	: 12 ~ 18 dBi
Withstanding Power	: Max 30W
Beamwidth deg.	: Hoz. 60 ° Vert. 10 °
Polarization	: Vertical

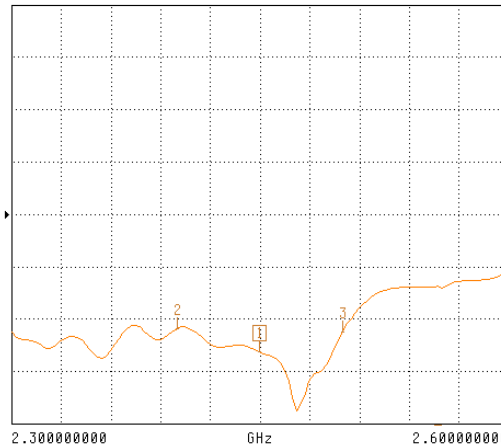
Mechanical Properties

Connector	: N (FEMALE)
Weight	: APPROX 1830g±20g
Radiator	: Copper
Bracket	: Stainless steel

Return Loss

S11 FORWARD REFLECTION

LOG MAGNITUDE REF=0.000 dB 10.000 dB/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

MARKER 1
2.450000000 GHz
-26.223 dB

MARKER TO MAX
MARKER TO MIN

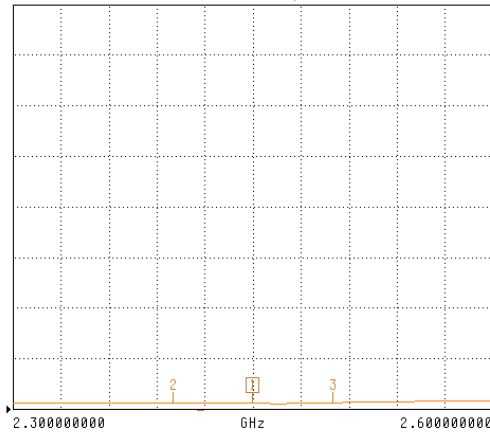
2 2.400000000 GHz
-21.827 dB
3 2.500000000 GHz
-22.611 dB

MARKER READOUT
FUNCTIONS

VSWR

S11 FORWARD REFLECTION

SWR REF=0.000 pU 10.000 U/DIV



CH 1 - S11
REFERENCE PLANE
0.0000 mm

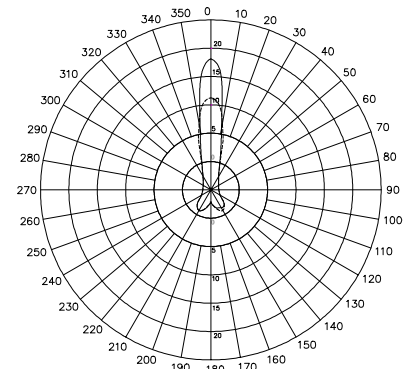
MARKER 1
2.450000000 GHz
1.142 U

MARKER TO MAX
MARKER TO MIN

2 2.400000000 GHz
1.153 U
3 2.500000000 GHz
1.199 U

MARKER READOUT
FUNCTIONS

E-PLANE FIELD PATTERNS



H-PLANE FIELD PATTERNS

