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SUHNER® PLANAR ANTENNA

FOR WIRELESS COMMUNICATION

SPA 2400/35/15/0/CP

Technical Data

Electrical Properties	
Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	circular, left or right
Gain	14.5 dBi
3 dB beamwidth horizontal	35°
3 dB beamwidth vertical	35°
Downtilt	0°
Front to back ratio	25 dB
Axial ratio	1.5 dB
Max. power	50 W (CW) at 25 °C

Mechanical Properties	
Dimensions	270 x 215 x 20 mm (10.63" x 8.46" x 0.79")
Weight	0.5 kg (1.10 lbs.)
Housing material	Aluminium anodized
Radome material	ASA
Radome color	RAL 7035 (light-grey)
Operating temperature range	- 40° C to + 80° C
Storage temperature range	- 40° C to + 80° C
Windload	85 N at 160km/h (100mph)

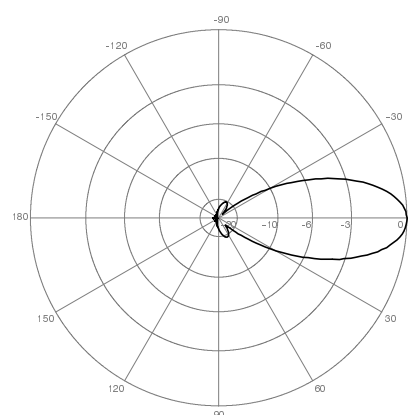
Available Types	
1324.19.0015 (rhcp)	SMA female
1324.19.0016 (lhcp)	SMA female

Mounting Hardware	
9091.99.0076	downtilt bracket

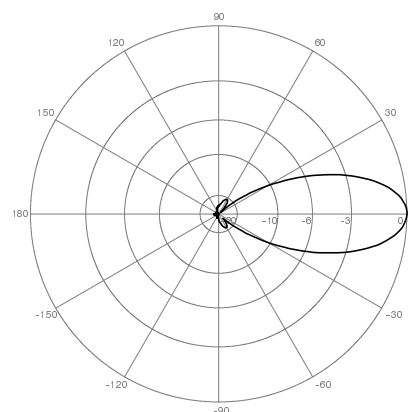
Mast and wall mounting material (2 metal bands) included,
mast diameter 45-90 mm (1.77" - 3.54")



Radiation Pattern



horizontal



vertical

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DIMENSIONS (mm)

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