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SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION

SPA 2400/70/9/0/CP

Technical Data

Electrical Properties	
Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	circular, left or right
Gain	8.5 dBi
3 dB beamwidth horizontal	70°
3 dB beamwidth vertical	65°
Downtilt	0°
Front to back ratio	20 dB
Axial ratio	3.0 dB
Max. power	75 W (CW) at 25 °C

Mechanical Properties	
Dimensions	101 x 95 x 32 mm (3.98" x 3.74" x 1.26")
Weight	0.1 kg (0.22 lbs.)
Housing material	ASA and aluminium
Radome material	ASA
Radome color	RAL 7035 (light-grey)
Mounting bracket color	RAL 7042 (dark-grey)
Operating temperature range	- 40° C to + 80° C
Storage temperature range	- 40° C to + 80° C
Windload	15 N at 160km/h (100mph)

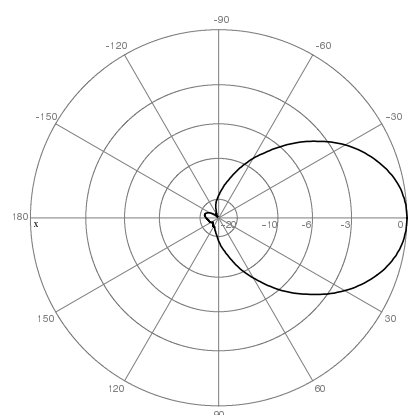
Available Types	
1324.19.0008 (rhcp)	SMA female
1324.19.0007 (lhcp)	SMA female
1324.26.0002 (rhcp)	TNC female
1324.26.0003 (lhcp)	TNC female

Mounting Hardware	
9091.99.0029	mast mounting bracket
9091.99.0080	wall and mast sidetilt bracket

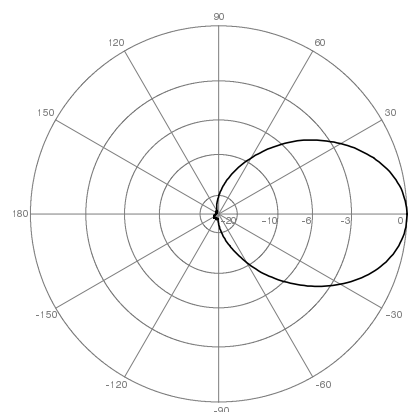
Wall mounting material included.



Radiation Pattern



horizontal



vertical

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DIMENSIONS (mm)

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