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8 ANTENNA SPECIFICATIONS

Order number:

Type: 1324.17.0005

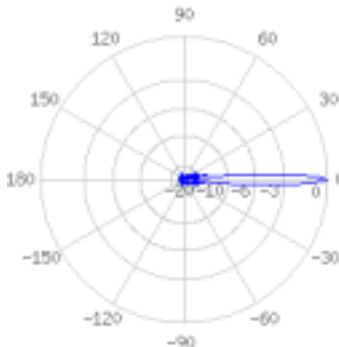
Search

Antenna Type Description	SPA 2400/85/17/0/V
Type	1324.17.0005
Order number	22652473

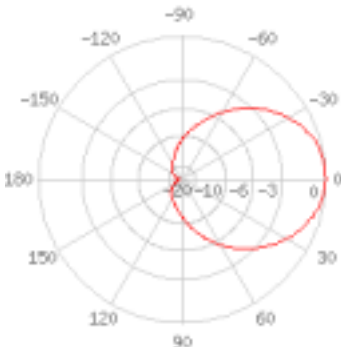
Electrical Data	
Frequency Range	2,300 MHz to 2,500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	linear, vertical
Gain	16.5 dBi
3 dB beamwidth horizontal	85°
3 dB beamwidth vertical	6°
Downtilt	0°
Front to back ratio	25 dB
Maximum power	100 W (CW) at 25° C

Radiation patterns

Amplitude [dB]
Angle [deg]



Vertical



Horizontal

Mechanical properties	
Dimensions	1,220 mm x 35 mm x 85 mm
length x thickness x width	(48.03 in x 1.38 in x 3.35 in)
Weight	2.10 kg (4.64 lbs)4.64
Housing material	
Radome material	ASA
Radome color	light-grey, RAL 7035
Operation temperature range	-40 °C to 80 °C
Storage temperature range	-40 °C to 80 °C
Max. windload	75 N at 160 km/h (100 mph)

Connectors	
Serie	N
Gender	female

Mounting hardware	
Type	9091.99.0076, downtilt bracket
Type	9091.99.0081, sidetilt bracket

Documents

Outline Drawing

[58609](#)

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