

MA-WC54-DS17TR
4.9-5.9 GHz Dual Slant Base Station Antenna, 65°
Preliminary
Specifications
Electrical

Frequency range	4.9-5.9 GHz
GAIN, typ.	4 x 17 dBi
VSWR, max.	1.7 : 1
Polarization	2 x Dual Slant $\pm 45^\circ$
3dB Beam-Width, H-Plane, typ.	65°
3dB Beam-Width, E-Plane, typ.	7°
Side Lobes, typ.	-12 dB
Cross Polarization, min.	-15 dB
Port to Port Isolation, min.	-20 dB
Front to Back Ratio, min.	-25 dB
Input power, max.	20 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	355 x 310 x 15 mm
Connector	4 x SMA ,Female
Weight	TBD
Mounting	Provision for Telrad Radio
Radome	Provided by Telrad
Back Plane	Aluminum protected through chemical passivation

Environmental

Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Flammability	UL-94

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