

4250.09-875-Tx

Single Band | Omni Antenna | V-Pol | 360° | 9.0 dBd | Fixed Tilt | With 25% NULL FILL

Ordering Opt	tions		
When ordering, re	eplace the "x" in the mode	I number with the electrical downtilt	. Select from the options listed below.
Antenna with 0° fixed electrical downtilt		4250.09-875-T0	
Antenna with 3° fixed electrical downtilt		4250.09-875-T3	
Antenna with 6° fixed electrical downtilt		4250.09-875-T6	
Electrical Cha	aracteristics		
Frequency Range		790-960 MHz	
Input Impedance		50Ω	
VSWR		< 1.5:1	
H-Plane Ripple		< ±0.5 dB	
Input Power (Continuous)		480 Watts	
Peak Instantaneous Power (PIP)		25 kW	
Polarization		Vertical	
Gain		9.0 dBd (11.2 dBi)	
Horizontal Beamwidth (3 dB)		Omni-Directional	
Vertical Beamwidth (3 dB)		5.5° ±0.5°	
Lower Sidelobe Control (Null Fill)		25% (-12.4 dB)	
Intermodulation (3rd Order, 2x Tx @ 43 dBm)		-153 dBc	
Antistatic Protection		All metal parts DC Grounded (connector shows a DC short)	
Lightning Protection		Lightning current handling capability: 200 kA According to EN 62305-1 (Test Pulse 10/350 µs)	
Mechanical C	haracteristics		
Connector		7/16-DIN Female	
Construction Material	Antenna Base	Aluminium	
	Shroud	GRP Tube 53 mm (2.1 in) Diameter	
	Radiating Element	Brass	
Mounting Section		Al. Tube 63.5 mm (2.5 in) Diameter x 350 mm (13.8 in) Length	
Dimensions (Length x Diameter)		3850 x 63.5 mm (151.6 x 2.5 in)	
Weight		8.5 kg (19 lbs)	
Wind Loading (@ 45ms ⁻¹)		309 N (69.5 lbf)	
Survival Wind Speed		300 km/h (186 mph)	
IP Rating			IP56
Mounting Op	otions	Part Number	Fits Pipe Diameter
All mounting brac	cket kits are ordered separa	tely unless otherwise indicated.	
Parallel Bracket		2141.01.00.00	Fits Up to Ø120 mm (Ø4.7 in)

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.