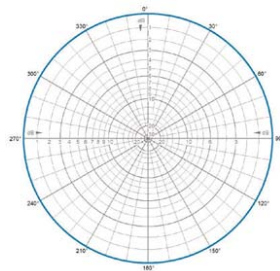


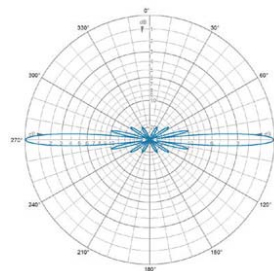
4240.09-780-Tx

Single Band | Omni Antenna | V-Pol | 360° | 9.0 dBd | Fixed Tilt

Ordering Options		
When ordering, replace the "x" in the model number with the electrical downtilt. Select from the options listed below.		
Antenna with 0° fixed electrical downtilt	4240.09-780-T0	
Antenna with 3° fixed electrical downtilt	4240.09-780-T3	
Antenna with 6° fixed electrical downtilt	4240.09-780-T6	
Electrical Characteristics		
Frequency Range	690-870 MHz	
Input Impedance	50Ω	
VSWR	< 1.5:1	
H-Plane Ripple	< ±1 dB	
Maximum Input Power	400 Watts	
Polarization	Vertical	
Gain	9.0 dBd (11.2 dBi)	
Horizontal Beamwidth (3 dB)	Omni-Directional	
Vertical Beamwidth (3 dB)	8° ±1°	
Intermodulation (3rd Order, 2x Tx @ 43 dBm)	-153 dBc	
Lightning Protection	Withstands 2.5 x 10 ⁶ A ² s pulse; DC Grounded	
Mechanical Characteristics		
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 48.4 mm (1.9 in) Diameter	
Dimensions (Length x Diameter)	2880 x 53 mm (113.4 x 2.1 in)	
Weight	9.5 kg (20.9 lbs)	
Wind Loading (@ 45ms ⁻¹)	240 N (54.0 lbf)	
Survival Wind Speed	300 km/h (186 mph)	
Mounting Options	Part Number	Fits Pipe Diameter
All mounting bracket kits are ordered separately unless otherwise indicated.		
Parallel Bracket	0900638/00	Fits Up to Ø115 mm (Ø4.5 in)
	0300284/00 & 4884036/00	Fits Up to Ø50 mm (Ø2.0 in)
Cross Bracket	0300284/00 & 4884076/00	Fits Up to Ø76 mm (Ø3.0 in)
	0300284/00 & 4884035/00	Fits Up to Ø100 mm (Ø3.9 in)



Horizontal | 780 MHz



0° | Vertical | 780 MHz

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.