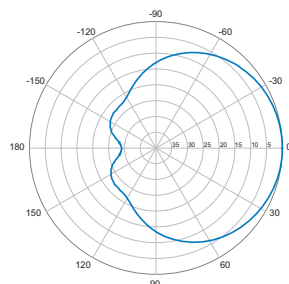


50230xx

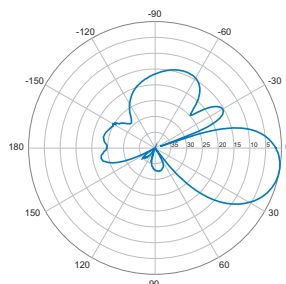
Single Band | Panel | X-Pol | 80° | 9.0 dBd | Fixed Electrical Tilt

- Medium gain, dual polarized antenna for 380-430 MHz TETRA network applications
- Aesthetically pleasing, low profile panel
- Available in a variety of fixed electrical tilts to facilitate network optimization
- Produced to the highest quality standards
- Robust design ensures reliable operation in harsh environmental conditions

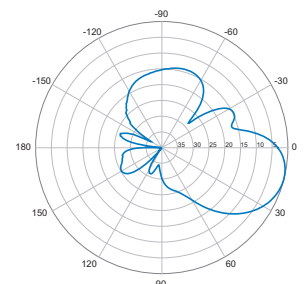
Ordering Options		Model Number	
When ordering, replace "xx" in the model number with one of the options listed below.			
Antenna with 10° Electrical Downtilt		5023010	
Antenna with 15° Electrical Downtilt		5023015	
Electrical Characteristics			
Frequency Band	380-430 MHz		
Polarization	±45°		
Horizontal Beamwidth	80°		
Vertical Beamwidth	28°		
Gain	9.0 dBd		
Electrical Downtilt (xx)	10°, 15° (refer to ordering options above)		
Impedance	50Ω		
VSWR	< 1.3:1		
Port-to-Port Isolation	> 30 dB		
Front-to-Back Ratio (typical)	> 20 dB		
IM3 (2x20W Carrier)	< 153 dBc		
Maximum Power	(2x) 200 W		
Connector(s) Number, Type, Location	2 Connectors / 7/16-DIN Female / Bottom		
Lightning Protection	DC Grounded		
Mechanical Characteristics			
Materials	Shroud	Styrosun	
	Housing	Aluminium	
Dimensions (Height x Width x Depth)	1500 x 400 x 195 mm	59.1 x 15.7 x 7.7 in	
Weight without Mounting Brackets	14 kg	30.9 lbs	
Wind Load @ 160 km/hr (100 mph)	810 N	182 lbf	
Mounting Options		Part Number	Fits Pipe Diameter
Mounting bracket kits are ordered separately.			
Mounting & Downtilt Bracket	0900443/00	48-115 mm	1.9-4.5 in
Mounting bracket is included with antenna			



Horizontal



0° | Vertical



10° | Vertical

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.