

A high gain Dual Polarized Panel antenna designed for TETRA network applications. These aesthetically pleasing, low profile panel antennas are available in a variety of fixed electrical beam tilts to facilitate network optimization. Produced to the highest quality standards these robust designs will insure reliable operation in harsh environmental conditions.

5043xxx

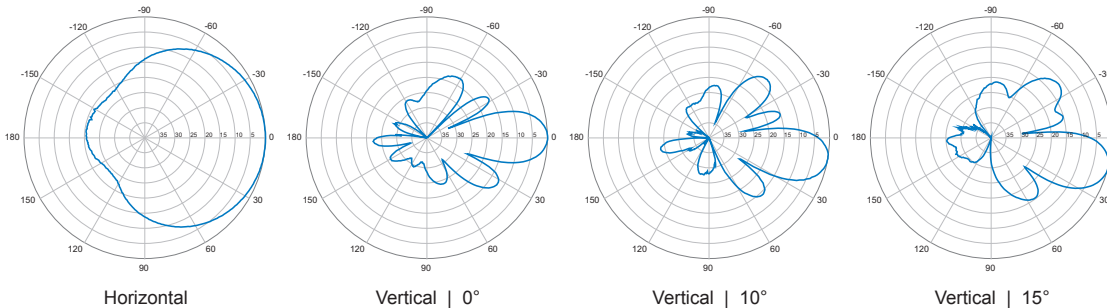
X-Pol | Panel | 80° | 11.8 dBd

Replace "xxx" with desired model number option.

Electrical Characteristics		
Frequency band	380-430 MHz	
Model number options (xxx)	Model Number	Electrical downtilt
	5043000	0°
	5043010	10°
	5043015	15°
Polarization	±45°	
Horizontal beamwidth	80°	
Vertical beamwidth	19°	
Gain	11.8 dBd	
Electrical downtilt	see model number options above	
Impedance	50Ω	
VSWR	<1.3:1	
Port to port isolation	>30 dB	
Front-to-back ratio	>24 dB typical	
IM3 (2x20W carriers)	<153 dBc	
Maximum power	2 x 250 W	
Connector type	2 x 7/16-DIN Female	
Lightning protection	DC grounded	

Mechanical Characteristics		
Materials	Shroud, Styrosun Housing, Aluminium	
Dimensions HxWxD	2000 x 400 x 195 mm	78.7 x 15.7 x 7.7 in
Weight without bracket	17 kg	37.5 lbs
Wind load @ 160 km/hr (100 mph)	1000 N	224.8 lbf
Mounting Options	Part Number	Fits Pipe Diameter
Mounting bracket (provides 0°-10° mechanical tilt)	0900234/00	48-115 mm 1.9-4.5 in

Mounting Bracket is included with antenna.



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.