

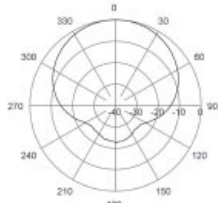
5043xxx

380 MHz to 430 MHz

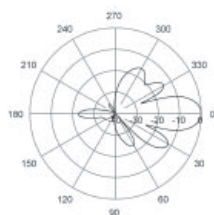
Panel Sector Antenna

Dual Polar

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.



Horizontal Pattern



Vertical Pattern

Type 5043xxx

Electrical Specifications		
Frequency:	380 MHz to 430 MHz	
Gain:	11.8 dBd	
VSWR:	<1.3:1 full band	
Maximum Power:	2 x 250 W	
Polarisation:	±45°	
Horizontal Beamwidth:	80°	
Vertical Beamwidth:	19°	
Electrical Downtilt:	Model:	Electrical Downtilt:
	5043000	0°
	5043010	10°
5043015	15°	
Port to Port Isolation:	>30 dB	
Front to Back Ratio:	>24 dB (typical)	
Intermodulation:	<-153 dBc for 2 x 20W carriers	
Impedance:	50 ohms	
Termination:	2 x 7/16-DIN Female	
Lightning Protection:	DC Grounded	

Mechanical Specifications	
Materials:	Shroud, Styrosun Housing, Aluminum
Dimensions (LxWxD):	2000 x 400 x 195 mm
Weight (excluding mount):	17 kg
Windloading @ 45 m/s:	1000 N
Mounting Bracket:	0900234/00 included to fit 48 -115 mm dia. pipe and provide 0°-10° mechanical tilt.