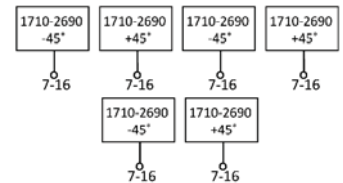


P6176103

Single Band | Trisector Antenna | X-Pol | 65° | 17.0 dBi | Variable Tilt

- Single band, X-Pol, variable tilt, trisector antenna
- Continuously adjustable downtilt 0°-10°
- Manual (MET) or Remote (RET) electrical tilt options

Ordering Options			
Manual Electrical Tilt	P6176103		
Remote Electrical Tilt	P6176103G		
Electrical Characteristics	(3x) 1710-2690 MHz		
Frequency Bands	1710-1880 MHz	1920-2170 MHz	2200-2690 MHz
Polarization	±45°		
Horizontal Beamwidth	68° ±3°	64° ±4°	61° ±5°
Vertical Beamwidth (±1°)	7.6° ±0.5°	6.7° ±0.3°	5.5° ±0.3°
Gain (± 0.5 dBi)	16.6 ±0.5 dBi	17.4 ±0.8 dBi	17.2 ±0.6 dBi
Electrical Downtilt	0-10°		
Impedance	50Ω		
VSWR	≤ 1.5		
Upper Sidelobe Suppression	> 15 dB	> 16 dB	> 16 dB
Front-to-Back Ratio	≥ 25 dB		
Isolation	≥ 28 dB		
IM3 (2x43 dBm carrier)	≤ -150 dBc		
Input Power (50° C ambient temperature)	200 W		
Operating Temperature	-40° to +65° C (-40° to +149° F)		
Lightning Protection	DC Ground		
Connector(s)	6 (2 per sector) / 7/16-DIN Female / Bottom		
Mechanical Characteristics			
Radome Material/Color	Fiberglass		
Dimensions (Height x Diameter)	2050 x Ø205 mm	80.7 x Ø8.1 in	
Weight	23 kg	50.7 lbs	
Packing Dimensions (H x W x D)	2095 x 295 x 295 mm	82.5 x 11.6 x 11.6 in	
Packing Weight	26 kg	57.3 lbs	
Wind Load (200 km/h or 124 mph)	550 N	123.6 lbf	
Mounting Options			
Mounting Hardware	Mounting Flange		



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.