

MW-V03D1323

0.3m 13&15&18&23GHz High Performance Microwave Antenna

PROSE

- High Performance Antenna
- 12.70-13.25 GHz&14.40-15.35 GHz&17.70-19.70 GHz&21.20-23.60GHz
- Dual-Polarized

Electrical Data

Operating Frequency		12.7-13.25GHz	14.4-15.35GHz	17.7-19.7GHz	21.2-23.6GHz
Gain*	Low	30.7 dBi	31.8 dBi	33.3 dBi	34.4 dBi
	Mid	30.8 dBi	32 dBi	33.9 dBi	35 dBi
	High	30.9 dBi	32.4 dBi	34.2 dBi	35.6 dBi
3dB BW (Azimuth & Elevation)		4.7 deg	4.1 deg	3.2 deg	3.0 deg
Regulatory Compliance		ETSI Class3			
RPE Number		RPE03-13	RPE03-15	RPE03-18	RPE03-23
VSWR (Return Loss)		1.50 (-14.0 dB)			
F/B Ratio		57 dB	60 dB	63 dB	62 dB
XPD		30 dB			
Polarization		Dual-polarized			
Interface Waveguide Type		Circular			

* Tolerance : ± 1.0 dBi.

Environmental Data

Operating Temperature		-55°C to +70°C
Storage Temperature		-55°C to +70°C
Wind resistance	Operational	180 km/h 112 mph
	Survival	252 km/h 157 mph

Mechanical Data

Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 15^\circ$
	Elevation	$\pm 15^\circ$

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