

MT-403010/S

3.3 – 3.8 GHz 12 dBi Directional Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682	
Frequency	3.3 – 3.8 GHz	
VSWR	2:1 max	
Gain	3.3 – 3.4 GHz	11 dBi min
	3.4 – 3.8 GHz	12 dBi min
Azimuth Beam Width 8 dBi	3.3 – 3.4 GHz	85° typ
Azimuth Beam Width 9 dBi	3.4 – 3.8 GHz	85° typ
Elevation 3dB Beam Width	13.5° typ	
Polarization	Linear Vertical or Horizontal	
Elevation Side Lobes Level	-8 dB max	
F/B Ratio	-19 dB max	
Input Impedance	50 ohm	
Input Power	6 W max	

Mechanical

Dimensions	325 x 92 x 15 mm max
Weight	0.6 kg max
Connector	SMA Female
Azimuth Adjustment	± 45°
Tilt Adjustment	± 15°

Environmental

Test	Standard	Duration	Temperature	Notes
Low Temperature	IEC 68-2-1	72 h	-20 °C	
High Temperature	IEC 68-2-2	72 h	+55 °C	
Temp. Cycling	IEC 68-2-14	1 h	-10 °C +55 °C	3 Cycles
Vibration	IEC 60721-3-4	30 min/axis		Random 4M3
Shock Mechanical	IEC 60721-3-4			4M3
Humidity	ETSI EN300-2-4 T4.1E	144 h		50%
Water Tightness	IEC 529			IP32
Solar Radiation	ASTM G53	1000 h		
Flammability	UL 94			V0

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11 Hamelacha st. Afek Industrial Park, Rosh-Ha'Ayin 4809121 | Tel. +972.3.9008900 | Fax. +972.3.9008901