

MT-6015

8 – 18 GHz Submarine DF Circular Antenna Array

Electrical

Frequency	8 – 18 GHz
Gain	7 – 11 dBi min
VSWR	3 : 1 max
Polarization	45° Linear Slant
Azimuth Coverage	Omni
Number Of Horns	8
3 dB Azimuth Beam Width	45° typ
3 dB Elevation Beam Width	30° typ
1 st Cross Over	2 – 5 dB down
2 nd Cross Over	6 – 20 dB down

Mechanical

Connector	8 x SMA Female	
Configuration	Circular array of 8 horns integrate in a single structure, covered by a cylindrical 45° slant polarizer and a radome.	
Dimensions	Height Diameter	150 mm 160 mm
Weight	11 Kg	
Hydrostatic Pressure	50 Atmospheres	

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