



Omnidirectional Antenna Array

0.5 to 18 GHz

Slant 45 Degree Polarisation

Q-par ref: **QMS-00326**

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Contents: **Summary**
Typical Antenna gain
Typical Elevation beamwidth
VSWR



Test Report

Typical Specification

Frequency	0.5 to 18 GHz
Connector type	SMA type jack. (N type jack on radome panel)
Power Handling	Rx only
VSWR	Typically < 3.0 :1
Gain	-2.4 to +6.4 dBi
3dB Beamwidth	11 to 102 degrees Elevation
6dB Beamwidth	16 to 133 degrees Elevation
Weight	61 kg complete arrays and positioner in radome

Antenna Gain

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.



