

26 - 40 GHz Vertically Polarised Omnidirectional Antenna fitted with a K type Connector, Radome and Magnetic Mount

Catalogue number **QOM-SL-26-40-K-SG-R**

Steatite reference **QMS-00988**

Contents **Summary**
Typical Gain
Typical Beamwidth / Patterns

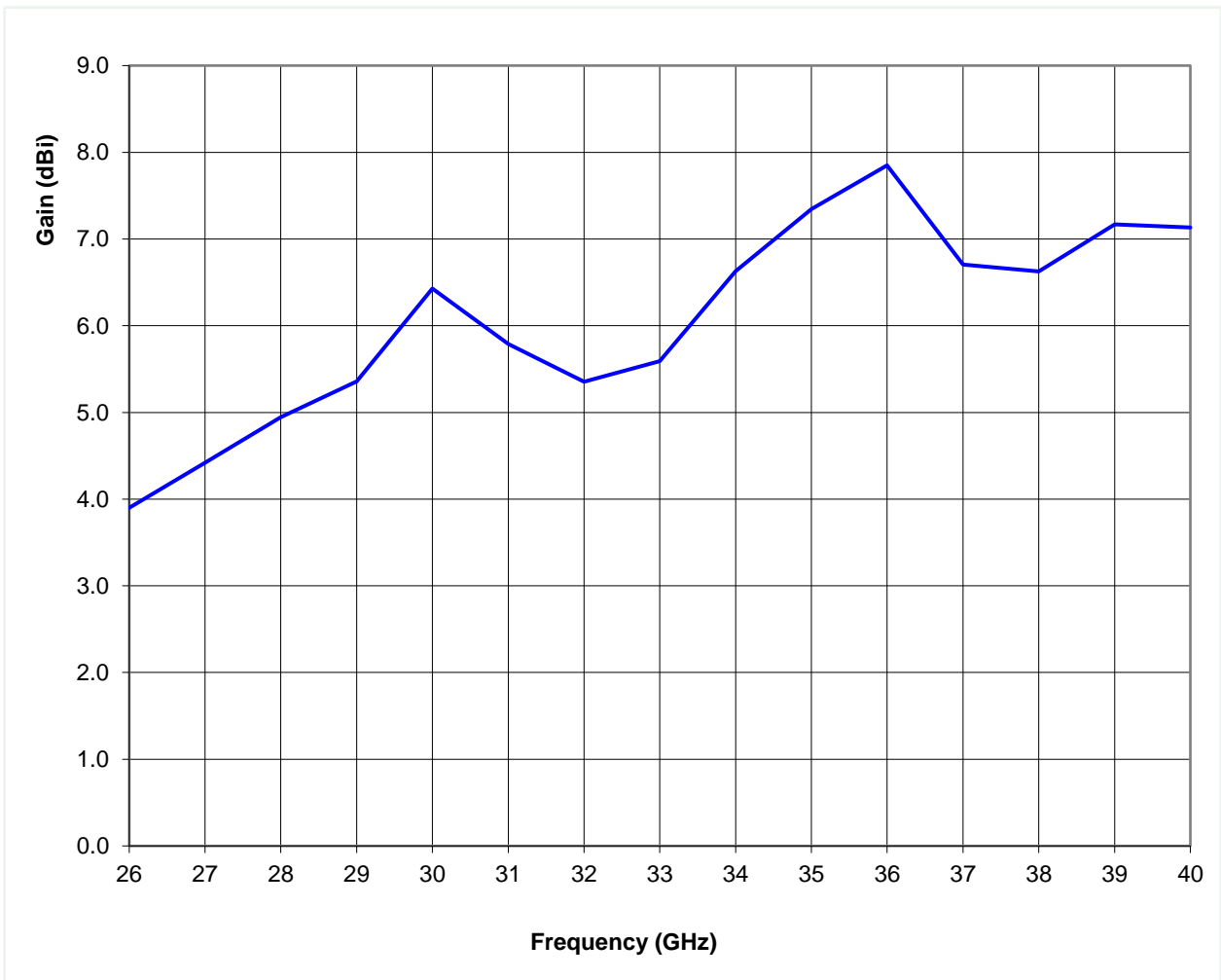


Typical Specification

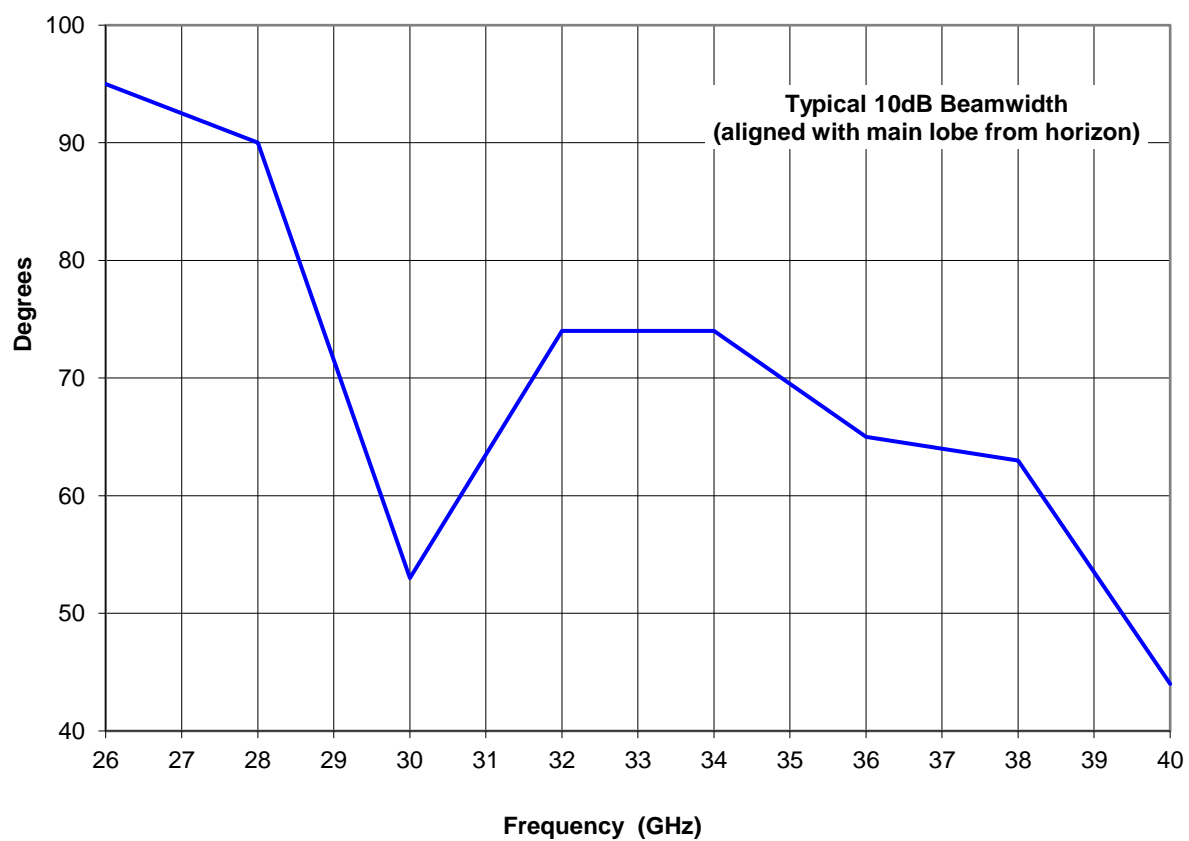
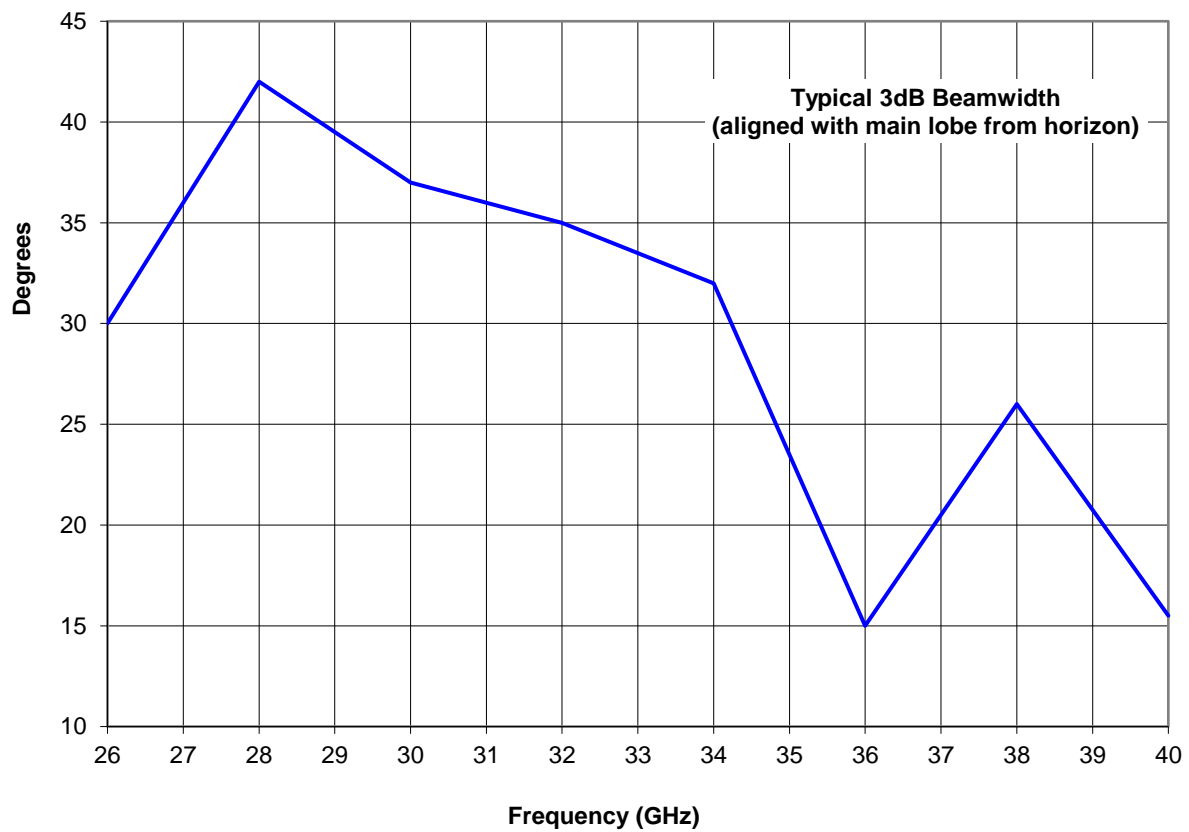
Frequency	26 to 40 GHz
Connector Type	K type (2.92 mm) female.
Power Handling	10 Watt c.w.
VSWR	< 2.5:1
Gain	3.9 to 7.8 degrees
Antenna Factor	53.3 to 55.2 dB/m
3dB Beamwidth	15 to 42 degrees
10dB Beamwidth	44 to 95 degrees
Weight	30 g nominal
Maximum Size	Ø50mm (excluding corrector) x 60mm height. See ICD for more information.
Mounting	Magnetic Mount
Construction	Aluminium with PTFE radome, stainless steel connector and Magnetic Mount

Typical 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.

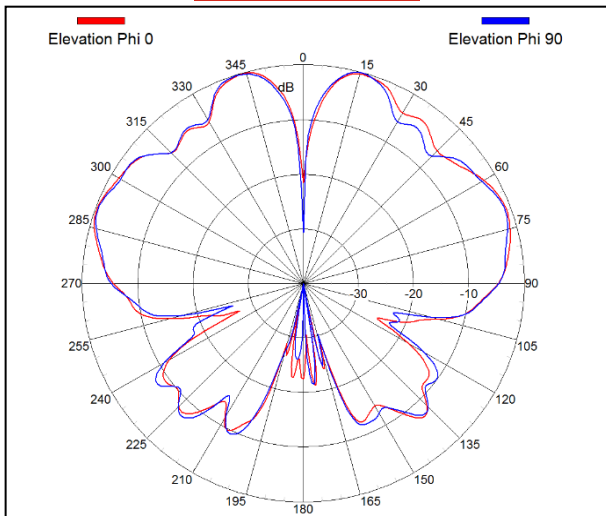


Typical Beamwidth

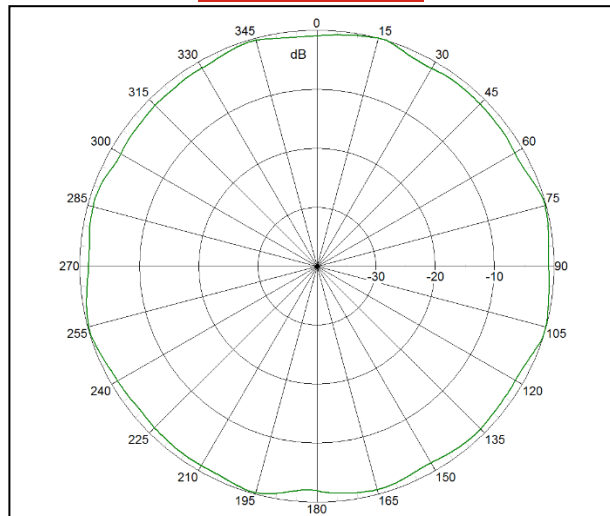


Typical Radiation Patterns

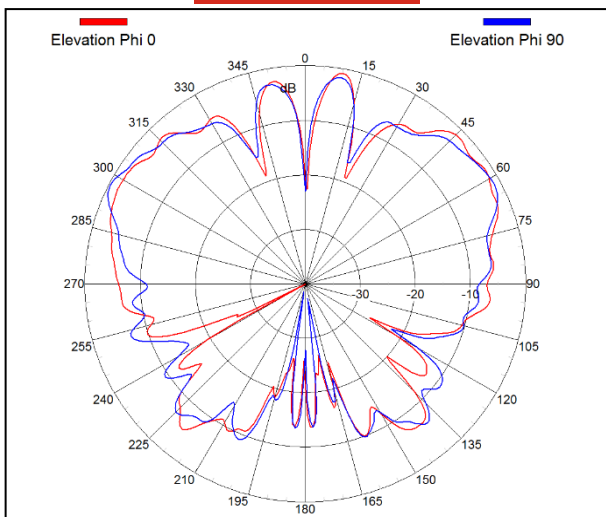
26 GHz Elevation



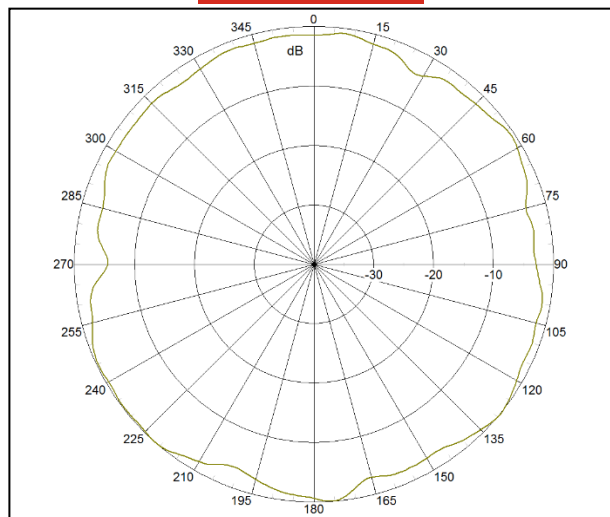
26 GHz Azimuth



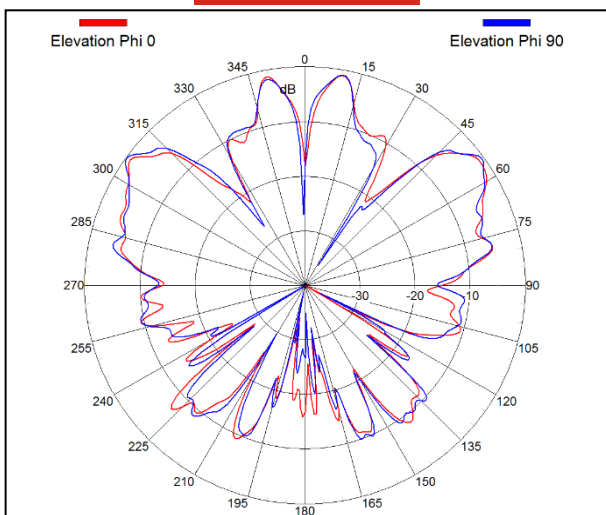
33 GHz Elevation



33 GHz Azimuth



40 GHz Elevation



40 GHz Azimuth

