

## High Power Horn Antenna

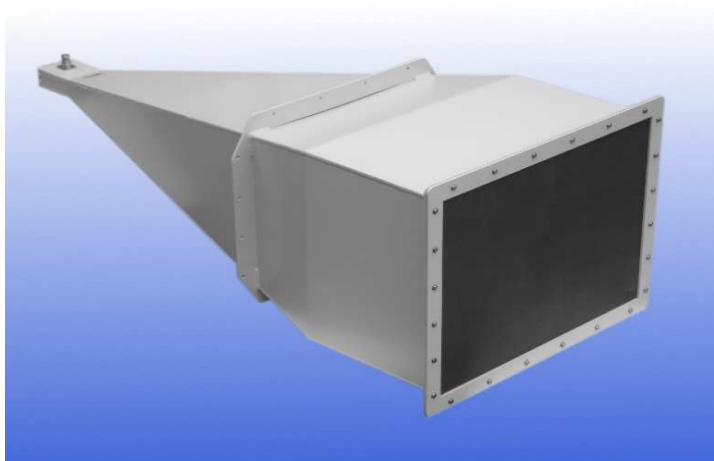
**2.6 to 4 GHz**

**WG10 R32 WR284**

Catalogue number: **QSH-SL-2.6-4-C-SG-L**

Q-par reference: **QMS-00494**

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**Typical Gain / Antenna Factor at 1m**  
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Test Report

### Typical Specification

<b>Frequency</b>	2.6 to 4 GHz
<b>Connector type</b>	SC Jack
<b>Power Handling</b>	10 kW peak; 700 W mean
<b>VSWR</b>	Typically < 1.35 :1
<b>Gain</b>	19.6 to 22.2 dBi
<b>Antenna Factor</b>	18.8 to 20.1 dB/m
<b>3dB Beamwidth</b>	9 to 20 degrees
<b>Weight</b>	10.8 kg nominal
<b>Size- max.</b>	497 x 377 ext. aperture x 1140 mm long
<b>Mounting</b>	Mount flange with 8 holes, 95 mm centres, in two rows 316 mm apart. Plus 8 holes, 70 mm centres, in two rows 430 mm apart
<b>Construction</b>	Welded aluminium, powdercoat finish. Dielectric radome.

### Typical Antenna Gain / Factor at 1 metre range

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.

