



Standard Gain Horn Antenna

75 to 110 GHz

WG27 WR10 R900

Catalogue number: **QSH-SL-75-110-F-20**

Q-par reference: **QMS-00381**

Contents: **Summary**
Typical Gain / Antenna Factor
Typical Beamwidth / Patterns



Typical Specification

| | |
|-----------------------|--|
| Frequency | 75 to 110 GHz |
| Connector type | UG-387/U flange |
| Power Handling | 200 Watt c.w. |
| VSWR | Typicaly < 1.2 :1 |
| Gain | 20 to 22.8 dBi |
| Antenna Factor | 47.7 to 48.3 dB/m |
| 3dB Beamwidth | 13 to 19 degrees |
| 10dB Beamwidth | 24 to 33 degrees |
| Weight | 30 g nominal |
| Size- max. | 18 x 14 mm external aperture, 45 mm long |
| Mounting | UG-387/U flange |
| Construction | Electroformed copper with brass flange. Gold plated. |

Typical Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas with an estimated error of +/- 0.8dB.



