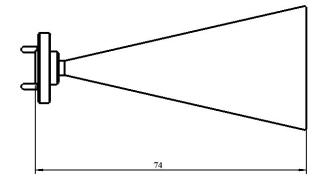
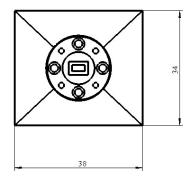
#### ANTENNA DATASHEET

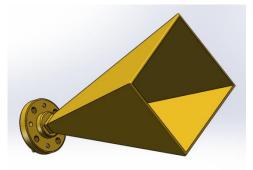


HORN ANTENNA GHA480670-20

# **Antenna Structure Diagram**







### **Mechanical Specifications**

Overall Weight 55g

Material Copper, gold-plating

Colour Yellow

Connector UG-385/U Round Cover Flange

Overall Size  $38\text{mm} \times 34\text{mm} \times 74\text{mm}$ 

# **Electrical Specifications**

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Frequency} & 48\text{-}67\text{GHz} \\ \text{Return Loss/VSWR} & \leqslant 1.15 \end{array}$ 

Polarization Mode Liner polarization

Frequency	Gain	Beam-width	
		E-plane	H-plane
50GHz	24.1 dB	10.7°	13.4°
60GHz	23.8 dB	10.3°	12.2°
67GHz	24.0 dB	10.0°	$11.8^{\circ}$

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#### ANTENNA DATASHEET



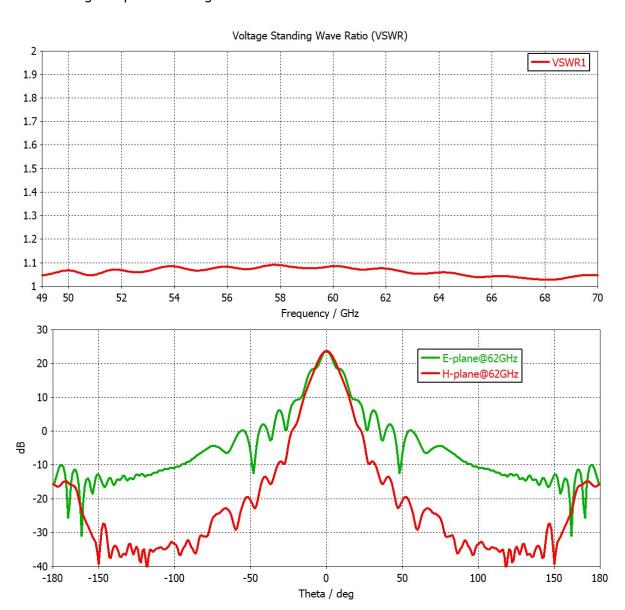
HORN ANTENNA

GHA480670-20

### **Environmental Data**

Working Temperature Range

-40°C to +65°C



While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.