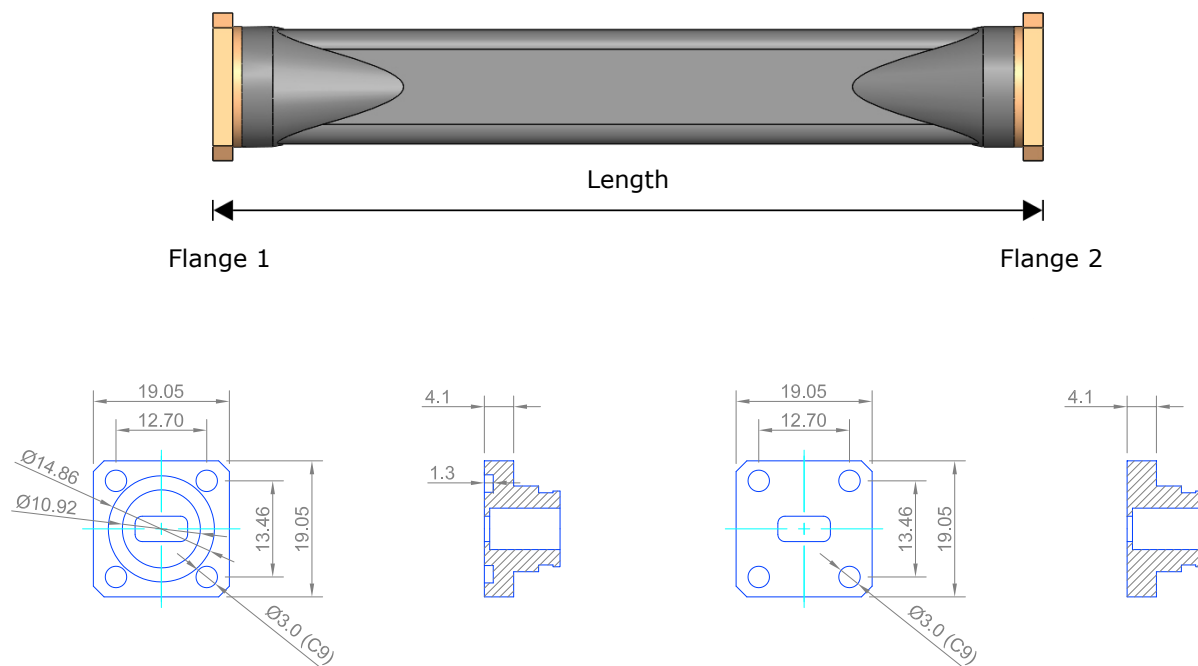




Part Number:

FT-320/300-GF.FF-B.NP

Description

Product Type:

Flexible Twistable Waveguide

Waveguide Size:

R320 / WG22 / WR28

Flange 1:

GF (PBR 320)

Flange 2:

FF (UBR 320)

Length:

300 mm / 11.8 inches +/- 1.5% or +/- 2 mm

Flange Material / Finish:

Brass Flanges / Nickel Plating & External Black Paint

Accessories:

Screws, Nuts, Washers, O-ring(s) / Gasket(s)

Mechanical Specifications

Jacket Material:

Silicone Rubber

Core Material:

Silver Plated Brass

Max. Recommended Operating Pressure:

15 psi / 1 kg/cm²

Min E-Plane Bend Radius (Static):

20 mm / 0.8 inches

Min H-Plane Bend Radius (Static):

40 mm / 1.6 inches

Maximum Twist (Static):

920 Deg/m or 280.4 Deg/ft

Min E-Plane Bend Radius (Repeated):

80 mm / 3.1 inches

Min H-Plane Bend Radius (Repeated):

160 mm / 6.3 inches

Maximum Twist (Repeated):

230 Deg/m or 70.1 Deg/ft

Electrical Specifications

Frequency Range: 26.5 - 40.0 GHz

Insertion Loss: 0.6 dB Maximum

Return Loss: 21.0 dB Minimum

Peak Power: 22 kW Maximum

Average (CW) Power: 75 W Maximum

Environmental Performance

Temperature Range: -70 to +150°C

UV Resistance: Excellent

Ozone Resistance: Excellent

I.P. Rating: IP68

Salt Mist: BS EN 60068-2-52

(method Kb) - Extreme

Marine Environments

Contact Information

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