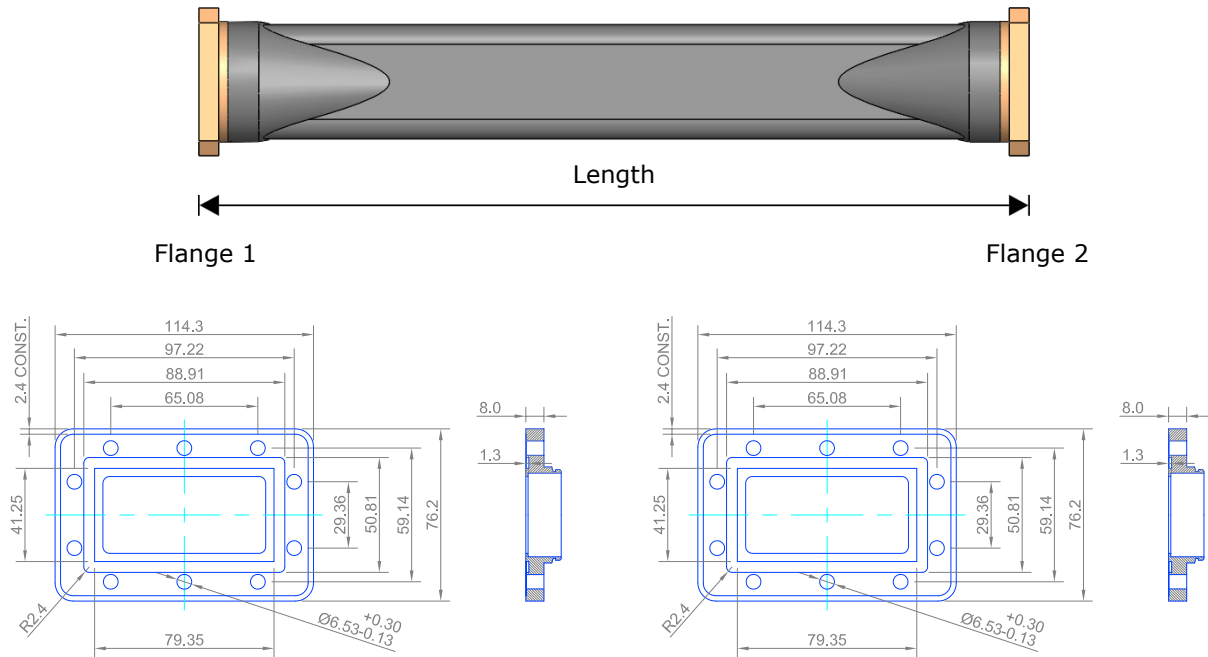


Flexible Twistable Waveguide

P/N: FT-32/1500-HF.HF-B.NP

DATASHEET



Part Number:

FT-32/1500-HF.HF-B.NP

Description

Product Type:

Flexible Twistable Waveguide

Waveguide Size:

R32 / WG10 / WR284

Flange 1:

HF (CPR 284G)

Flange 2:

HF (CPR 284G)

Length:

1500 mm / 59.1 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:

3 psi / 0 kg/cm²

Min E-Plane Bend Radius (Static):

206 mm / 8.1 inches

Min H-Plane Bend Radius (Static):

412 mm / 16.2 inches

Maximum Twist (Static):

105 Deg/m or 32.0 Deg/ft

Min E-Plane Bend Radius (Repeated):

824 mm / 32.4 inches

Min H-Plane Bend Radius (Repeated):

1648 mm / 64.9 inches

Maximum Twist (Repeated):

25 Deg/m or 7.6 Deg/ft

Electrical Specifications

Frequency Range: 2.60 - 3.95 GHz

Insertion Loss: 0.165 dB Maximum

Return Loss: 28.5 dB Minimum

Peak Power: 2.2 MW Maximum

Average (CW) Power: 4 kW 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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