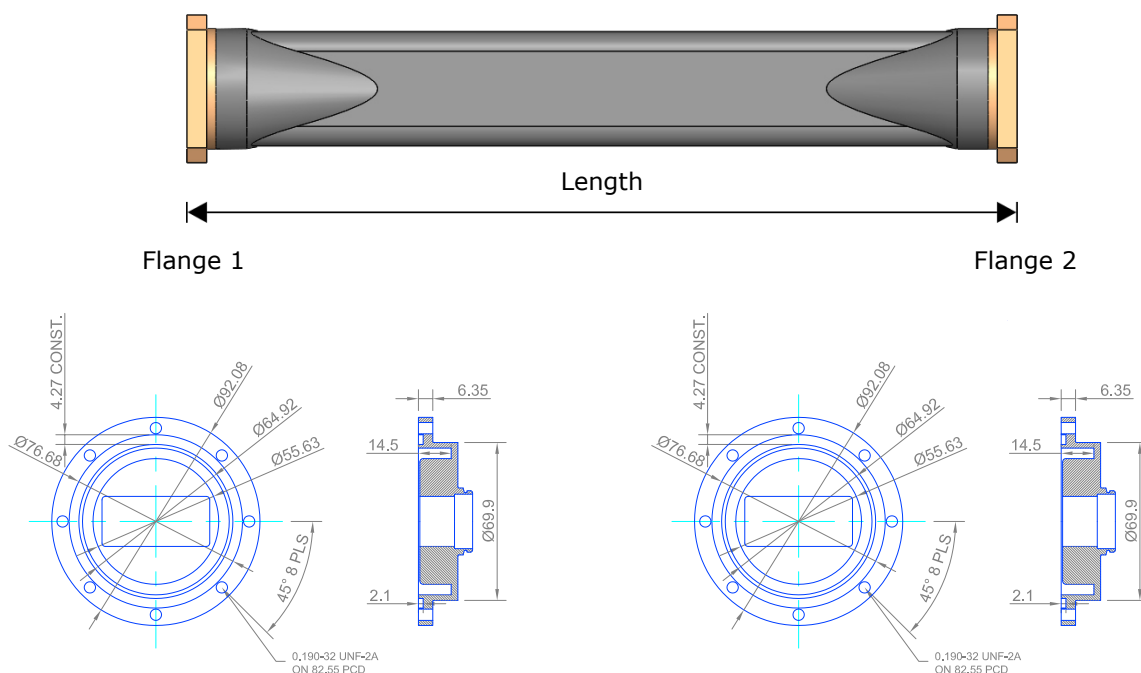




Part Number:

Description

Product Type:

Waveguide Size:

Flange 1:

Flange 2:

Length:

Flange Material / Finish:

Accessories:

Mechanical Specifications

Jacket Material:

Core Material:

Max. Recommended Operating Pressure:

Min E-Plane Bend Radius (Static):

Min H-Plane Bend Radius (Static):

Maximum Twist (Static):

Min E-Plane Bend Radius (Repeated):

Min H-Plane Bend Radius (Repeated):

Maximum Twist (Repeated):

Electrical Specifications

Frequency Range: 3.95 - 5.85 GHz

Insertion Loss: 0.192 dB Maximum

Return Loss: 26.3 dB Minimum

Peak Power: 1.4 MW Maximum

Average (CW) Power: 3 kW Maximum

Contact Information

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FT-48/1200-KF.KF-B.NP

Flexible Twistable Waveguide

R48 / WG12 / WR187

KF (UG 148C/U)

KF (UG 148C/U)

1200 mm / 47.2 inches +/- 1.5% or +/- 2 mm

Brass Flanges / Nickel Plating & External Black Paint

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

Silicone Rubber

Silver Plated Brass

5 psi / 0 kg/cm²

136 mm / 5.4 inches

272 mm / 10.7 inches

155 Deg/m or 47.2 Deg/ft

544 mm / 21.4 inches

1088 mm / 42.8 inches

40 Deg/m or 12.2 Deg/ft

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