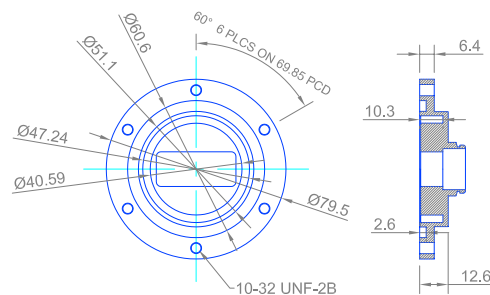
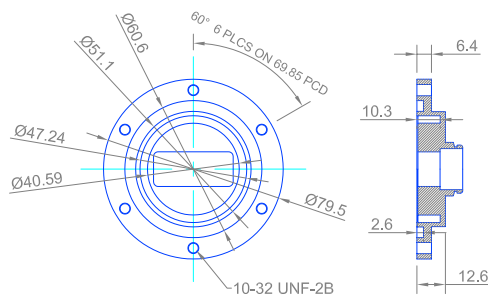
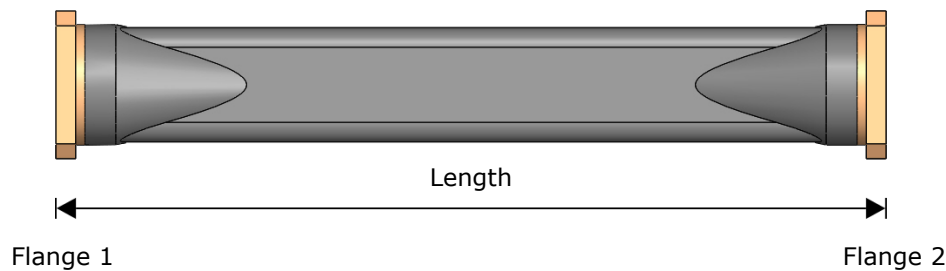


Flexible Twistable Waveguide

P/N: FT-70/500-KF.KF-B.NP

DATASHEET



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: 5.85 - 8.20 GHz

Insertion Loss: 0.14 dB Maximum

Return Loss: 26.8 dB Minimum

Peak Power: 560 kW Maximum

Average (CW) Power: 2 kW Maximum

Contact Information

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FT-70/500-KF.KF-B.NP

Flexible Twistable Waveguide

R70 / WG14 / WR137

KF (UG 343B/U)

KF (UG 343B/U)

500 mm / 19.7 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

10 psi / 1 kg/cm²

100 mm / 3.9 inches

200 mm / 7.9 inches

210 Deg/m or 64.0 Deg/ft

400 mm / 15.7 inches

800 mm / 31.5 inches

52 Deg/m or 15.8 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