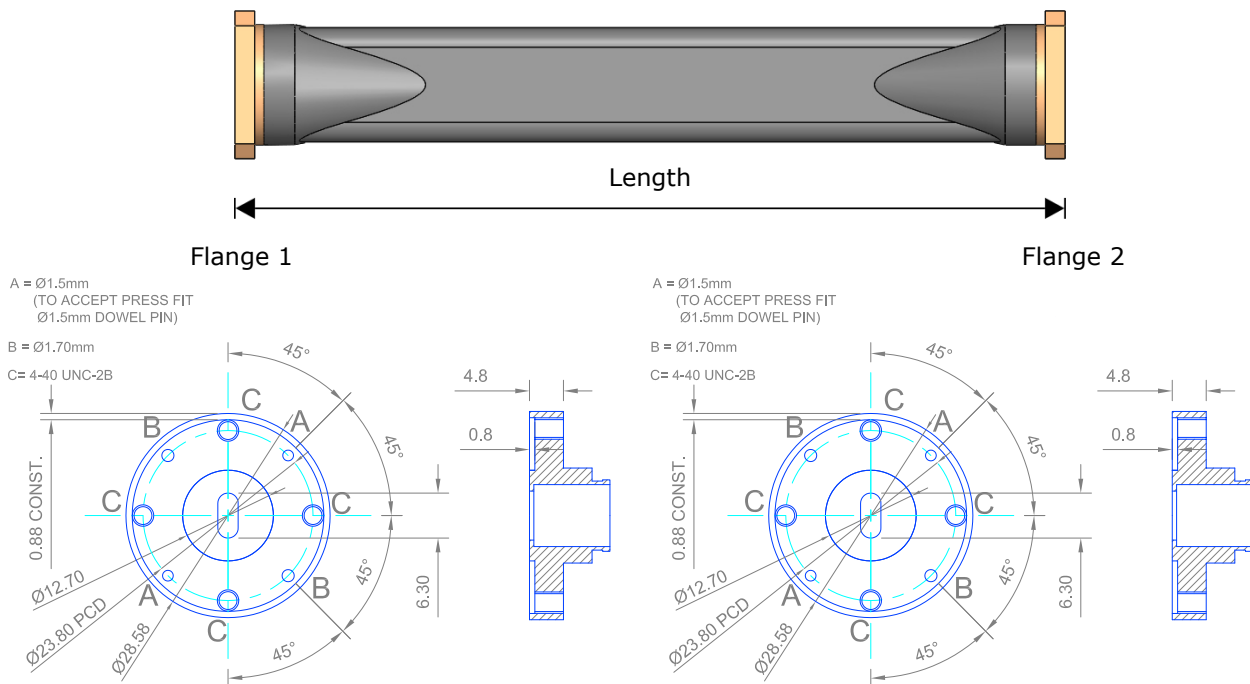


Flexible Twistable Waveguide

P/N: FT-400/1500-LF.LF-B.NP

DATASHEET


Part Number:
FT-400/1500-LF.LF-B.NP

Description

Product Type:

Waveguide Size:

Flange 1:

Flange 2:

Length:

Flange Material / Finish:

Accessories:

Flexible Twistable Waveguide

R400 / WG23 / WR22

LF (UG 383B/U)

LF (UG 383B/U)

1500 mm / 59.1 inches +/- 1.5% or +/- 2 mm

Brass Flanges / Nickel Plating & External Black Paint

Screws, Nuts, Washers

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):

Silicone Rubber

Silver Plated Brass

15 psi / 1 kg/cm²

18 mm / 0.7 inches

38 mm / 1.5 inches

920 Deg/m or 280.4 Deg/ft

78 mm / 3.1 inches

158 mm / 6.2 inches

230 Deg/m or 70.1 Deg/ft

Electrical Specifications

Frequency Range: 33.0 - 50.0 GHz

Insertion Loss: 3.75 dB Maximum

Return Loss: 15 dB Minimum

Peak Power: 12 kW Maximum

Average (CW) Power: 65 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

DVB-Tech S.r.l.

Via Magenta 2/B

20010 Inveruno

Milan, ITALY

Phone:

Fax:

E-mail:

Web:

+39 0294 750074
+39 0297 250482
sales@dvb-tech.com
www.dvb-tech.com