1-5/8 in EIA Female Flange for 7/8 in HJ5-50 air dielectric cables. Includes gas barrier that can be drilled in predetermined location for gas-pass.

Product Classification

Product Type: Air coaxial connector
Product Brand: HELIAX®

General Specifications

Body Style: Straight
Cable Family: HJ5-50
Gas Barrier: No
Inner Contact Attachment Method: Spring fingers
Inner Contact Plating: Silver
Interface: 1-5/8 in EIA Flange
Mounting Angle: Straight
Outer Contact Attachment Method: Tab-flare
Outer Contact Plating: Silver

Dimensions

Length: 115.062 mm | 4.53 in
Diameter: 88.392 mm | 3.48 in
Nominal Size: 7/8 in

Electrical Specifications

Insertion Loss, typical: 0.05 dB
Average Power at Frequency: 2.2 kW @ 960 MHz
Cable Impedance: 50 ohm
Connector Impedance: 50 ohm
dc Test Voltage
Insulation Resistance, minimum
Operating Frequency Band
Peak Power, maximum
RF Operating Voltage, maximum (vrms)

VSWR/Return Loss

<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>VSWR</th>
<th>Return Loss (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–2200 MHz</td>
<td>1.03</td>
<td>36.61</td>
</tr>
</tbody>
</table>

Environmental Specifications

Operating Temperature
Storage Temperature

Packaging and Weights

Weight, net

Regulatory Compliance/Certifications

Agency | Classification
-------|------------------
CHINA-ROHS | Below maximum concentration value
ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant

* Footnotes

Insertion Loss, typical

0.05v¯freq (GHz) (not applicable for elliptical waveguide)