

H9HPFB-602

6-1/8 in EIA Female Flange with gas barrier for 5 in HJ9HP-50 high power air dielectric cable

OBSOLETE

This product was discontinued on: April 1, 2014

Replaced By:

H9HPFB-602-S 6-1/8 in EIA Female Flange with gas barrier for 5 in HJ9HP-50 high power air dielectric cable. Coupling Element, O-Ring, screw-set sold separately. Click-on: Related Products, Device connectors and Adapters

Product Classification

Product Type Air coaxial connector
Product Brand HELIAX®

General Specifications

Body Style Straight
Cable Family HJ9HP-50
Gas Barrier Yes
Inner Contact Attachment Method Thread-in stub
Inner Contact Plating Silver
Interface 6-1/8 in EIA Female Flange
Mounting Angle Straight
Outer Contact Attachment Method Tab-flare
Outer Contact Plating Unplated

Dimensions

Length 241.3 mm | 9.5 in
Diameter 206.248 mm | 8.12 in
Nominal Size 5 in

Electrical Specifications

Insertion Loss, typical 0.05 dB
Average Power at Frequency 57.0 kW @ 900 MHz
Cable Impedance 50 ohm

H9HPFB-602

| | |
|---|-------------|
| Connector Impedance | 50 ohm |
| dc Test Voltage | 28 kV |
| Insulation Resistance, minimum | 5000 MOhm |
| Operating Frequency Band | 0 – 860 MHz |
| Peak Power, maximum | 1890 kW |
| RF Operating Voltage, maximum (vrms) | 9721 V |

Environmental Specifications

| | |
|------------------------------|---------------------------------------|
| Operating Temperature | -40 °C to +150 °C (-40 °F to +302 °F) |
| Storage Temperature | -70 °C to +100 °C (-94 °F to +212 °F) |

Packaging and Weights

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|--------------------|---------------------|
| Weight, net | 4.54 kg 10.009 lb |
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Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



* Footnotes

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|--------------------------------|--|
| Insertion Loss, typical | 0.05v~freq (GHz) (not applicable for elliptical waveguide) |
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