



H5FB-014-S

7/8 in EIA female Flange with gas barrier for 7/8 in HJ5-50 air dielectric cable. Coupling Element, O-Ring, screw-set sold separately. Click-on: Related Products, Device connectors and Adapters

Product Classification

Brand	HELIAX®
Product Type	Air coaxial connector

General Specifications

Interface	7/8 in EIA Female Flange
Body Style	Straight
Brand	HELIAX®
Gas Barrier	Yes
Mounting Angle	Straight

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 5200 MHz
Cable Impedance	50 ohm
RF Operating Voltage, maximum (vrms)	2121.00 V
dc Test Voltage	6 kV
Insulation Resistance, minimum	5000 MOhm
Average Power	2.2 kW @ 900 MHz
Peak Power, maximum	90.00 kW
Insertion Loss, typical	0.05 dB

Mechanical Specifications

Outer Contact Attachment Method	Tab-flare
Inner Contact Attachment Method	Spring fingers
Outer Contact Plating	Silver
Inner Contact Plating	Silver

Dimensions

Nominal Size	7/8 in
Diameter	57.20 mm 2.25 in
Length	99.00 mm 3.90 in
Weight	0.55 kg 1.21 lb

Environmental Specifications

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Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-70 °C to +85 °C (-94 °F to +185 °F)

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
0–2200 MHz	1.03	36.00

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



* Footnotes

Insertion Loss, typical 0.05v⁻freq (GHz) (not applicable for elliptical waveguide)