H8FB-302-S 苏州启道 - 康普安德鲁HELIAX中国区独家授权总代理

Air coaxial connector

10.9 kW @ 960 MHz

HELIAX®



3-1/8 in EIA Female Flange with gas barrier for 3 in HJ8-50B air dielectric cable. Coupling Element, O-Ring, screw-set sold separately. Click-on: Related Products, Device connectors and Adapters

Gas pass version can be created by drilling out the PTFE dielectric | Male version can be created ordering an appropriate coupling element separately | When ordering factory assembled transmission lines gas pass/barrier option can be fitted

Product Classification

Product Type

Product Brand

Ordering Note

General Specifications

Body Style	Straight
Cable Family	HJ8-50B
Gas Barrier	Yes
Inner Contact Attachment Method	Thread-in stub
Inner Contact Plating	Silver
Interface	3-1/8 in EIA Female Flange
Mounting Angle	Straight
Outer Contact Attachment Method	Tab-flare
Outer Contact Plating	Silver
Dimensions	
Length	163.068 mm 6.42 in
Diameter	135.382 mm 5.33 in
Nominal Size	3 in
Electrical Specifications	
Insertion Loss, typical	0.05 dB

Average Power at Frequency

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Cable Impedance	50 ohm
Connector Impedance	50 ohm
dc Test Voltage	16 kV
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 1640 MHz
Peak Power, maximum	640 kW
RF Operating Voltage, maximum (vrms)	5656 V

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–960 MHz	1.02	40.09
960–1640 MHz	1.04	34.16

Environmental Specifications

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

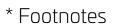
Packaging and Weights

Weight, net

5.5 kg | 12.125 lb

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



9001:2015

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

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