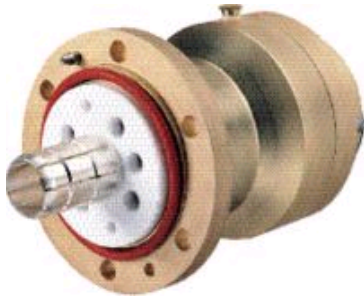


Product Specifications

H8MP-302

3-1/8 in EIA Male Flange without gas barrier for 3 in HJ8-50B air dielectric cable



CHARACTERISTICS

General Specifications

Interface	3-1/8 in EIA Male Flange
Body Style	Straight
Brand	HELIAX [®]
Gas Barrier	No
Mounting Angle	Straight

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 1640 MHz
Cable Impedance	50 ohm
RF Operating Voltage, maximum (vrms)	6717.00 V
dc Test Voltage	19 kV
Insulation Resistance, minimum	5000 MOhm
Average Power	16.0 kW @ 900 MHz
Peak Power, maximum	902.00 kW
Insertion Loss, typical	0.05 dB

Mechanical Specifications

Outer Contact Attachment Method	Tab-flare
Inner Contact Attachment Method	Thread-in stub
Outer Contact Plating	Silver
Inner Contact Plating	Silver

Dimensions

Nominal Size	3 in
Diameter	131.75 mm 5.19 in

Product Specifications



H8MP-302

Length 152.40 mm | 6.00 in
Weight 3.92 kg | 8.64 lb

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)

Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–2200 MHz	1.02	39.30
2210–3000 MHz	1.03	37.80

* Footnotes

Insertion Loss, typical $0.05\sqrt{\text{freq (GHz)}}$ (not applicable for elliptical waveguide)