

Product Specifications

L44P

UHF Male for 1/2 in LDF4-50A cable

OBSOLETE



CHARACTERISTICS

General Specifications

Interface	UHF Male
Body Style	Straight
Brand	HELIAX [®]
Mounting Angle	Straight

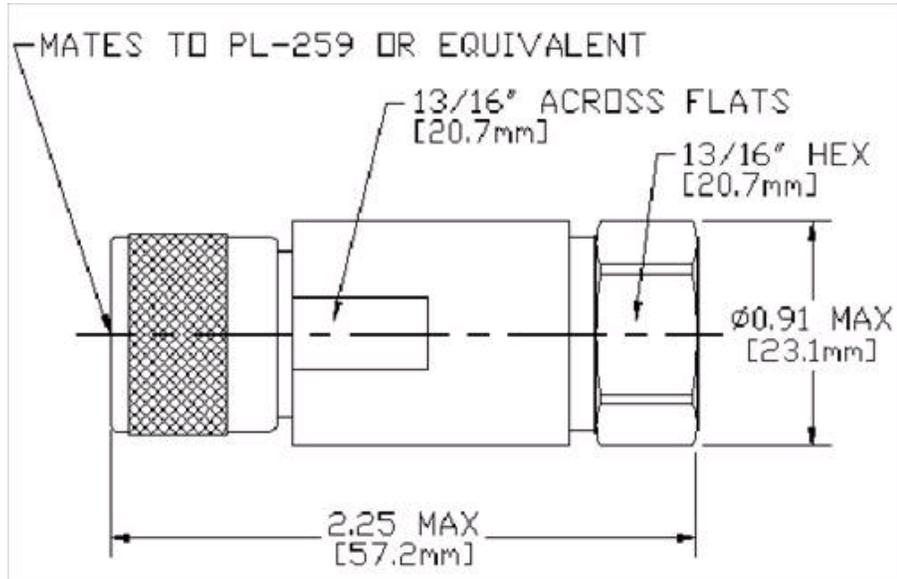
Electrical Specifications

Operating Frequency Band	0 – 2000 MHz
Cable Impedance	50 ohm
Insertion Loss, typical	0.05 dB

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Outline Drawing



Mechanical Specifications

Outer Contact Attachment Method	Self-flare
Inner Contact Attachment Method	Solder
Outer Contact Plating	Unplated
Inner Contact Plating	Unplated
Attachment Durability	25 cycles
Connector Retention Tensile Force	890 N 200 lbf
Connector Retention Torque	5.42 N-m 48.00 in lb
Pressurizable	No

Dimensions

Nominal Size	1/2 in
Diameter	22.86 mm 0.90 in
Length	58.42 mm 2.30 in
Weight	77.11 g 0.17 lb

Standard Conditions

Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F

Return Loss

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Frequency Band	VSWR	Return Loss (dB)
45–400 MHz	1.92	10.00
400–800 MHz	3.57	5.00
800–2000 MHz	5.85	3.00

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification

Compliant by Exemption
Above Maximum Concentration Values (MCV)



* Footnotes

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