

Product Specifications



L4PNF-PM

Type N Female Panel Mount for 1/2 in LDF4-50A cable

General Specifications

Interface	N Female
Body Style	Panel mount
Brand	HELIAX®
Mounting Angle	Straight

Electrical Specifications

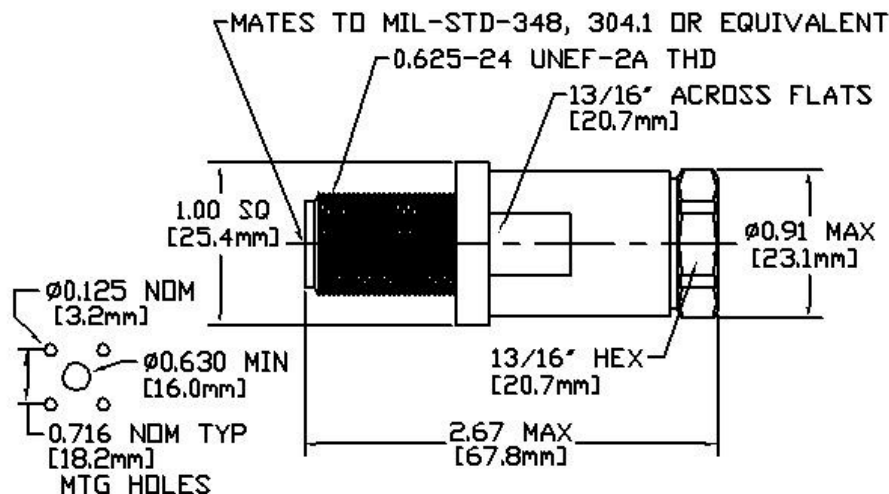
Connector Impedance	50 ohm
Operating Frequency Band	0 – 8800 MHz
Cable Impedance	50 ohm
RF Operating Voltage, maximum (vrms)	707.00 V
Outer Contact Resistance, maximum	0.30 mOhm
Inner Contact Resistance, maximum	2.00 mOhm
Insertion Loss, typical	0.05 dB

Product Specifications

COMMSCOPE®

L4PNF-PM

Outline Drawing



Mechanical Specifications

Outer Contact Attachment Method	Self-flare
Inner Contact Attachment Method	Solder
Outer Contact Plating	Silver
Inner Contact Plating	Gold
Attachment Durability	25 cycles
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-16:9.5
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	25.40 mm 1.00 in
Length	66.04 mm 2.60 in
Weight	154.00 g 0.34 lb

Standard Conditions

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

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
45-880 MHz	1.05	32.00
880-1800 MHz	1.09	27.00

Product Specifications

COMMScope®

L4PNF-PM

1800–2600 MHz	1.17	22.00
2600–3500 MHz	1.17	22.00
4400–5300 MHz	1.17	22.00
5300–6200 MHz	1.17	22.00
6200–7000 MHz	1.17	22.00
7000–7900 MHz	1.33	17.00
7900–8800 MHz	1.58	13.00

* Footnotes

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