

CommScope L4TNM-PSA Type N Male Positive Stop(tm) for 1/2 in AL4RPV-50, LDF4-50A, HL4RPV-50 cable

SKU: ACC-CS-00006

MPN: L4TNM-PSA

Description

The CommScope L4TNM-PSA is a Type N Male connector for 1/2 inch corrugated coaxial cables, including CommScope AL4RPV-50, LDF4-50A, HL4RPV-50 cable types.

CommScope's N RF connectors are designed for extremely fast field installation, requiring only few tools to prepare. L4TNM-PSA is a captive contact connector for high performance solder-free installation.

L4TNM-PSA is a low PIM (-116 dBc) connector using trimetal and silver platings. This model connector is IP68 when mated with a compatible N Female connector.

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RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	8.8 GHz	Inner Contact Resistance:	≤ 2 mΩ
Peak Power:	10 kW	Insulation Resistance:	≥ 5000 mΩ
PIM, 3rd Order:	≤ -116 dBc	Outer Contact Resistance:	≤ 0.3 mΩ
		RF Operating Voltage:	≤ 707 Vrms

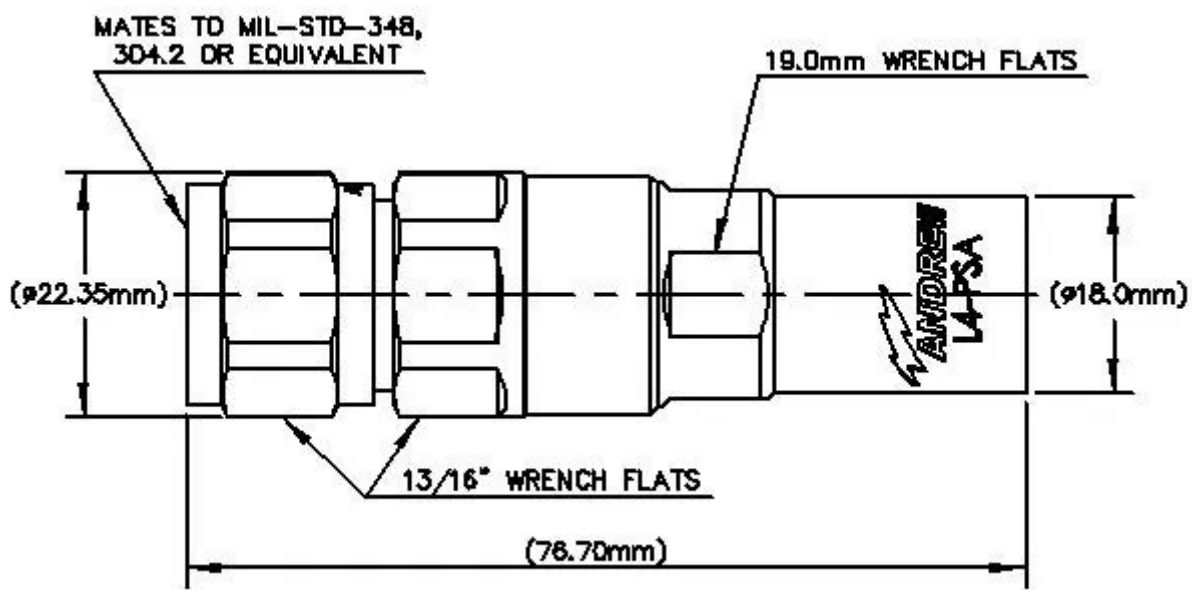
VSWR Measurement

Frequency	VSWR	Return Loss
1000 MHz	≤ 1.03:1	≤ 39 dB
2200 MHz	≤ 1.03:1	≤ 37 dB
3000 MHz	≤ 1.05:1	≤ 33 dB
4000 MHz	≤ 1.1:1	≤ 27 dB
6000 MHz	≤ 1.26:1	≤ 19 dB
8000 MHz	≤ 1.33:1	≤ 17 dB

Physical Specification

Cable Group:	1/2 Corrugated	Conductor Attachment:	Cable, Captivated
Body Plating:	White Bronze	Contact Material:	Brass
Insulator Material:	PTFE / Teflon	Contact Plating:	Silver
Dimensions:	76.71 × 22.35 × 22.35	Min. Operating Temperature:	-55 °C
Weight:	94.7 g	Max. Operating Temperature:	85 °C
Compliance/Certifications:	ISO 9001 Quality Management	Ingress Protection:	IP68
RoHS		Mating Cycles:	> 500
Mechanical Compliance:	IEC 60068-2-27: Mechanical Shock		
	IEC 60068-2-6: Vibration		

Drawing



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