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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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CommScope

CommScope (NASDAQ: COMM) helps design, build and manage wired and wireless networks around the world. As a communications infrastructure leader, we shape the always-on networks of tomorrow. For more than 40 years, our global team of greater than 20,000 employees, innovators and technologists have empowered customers in all regions of the world to anticipate what’s next and push the boundaries of ...

RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
8.8 GHz
Peak Power
10 kW
PIM, 3rd Order
≤ -116 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 2 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

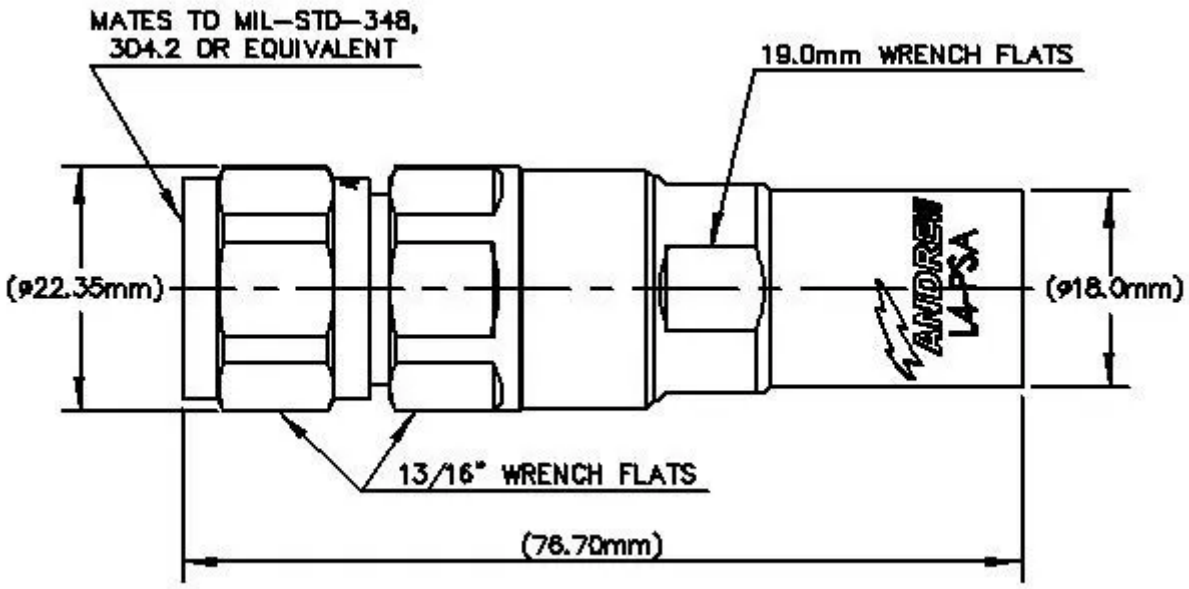
≤ 0.3 mΩ
RF Operating Voltage
≤ 707 Vrms
VSWR Measurement

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
Body Plating
White Bronze
Insulator Material
PTFE / Teflon
Dimensions
76.71 × 22.35 × 22.35
Weight
94.7 g
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Mechanical Compliance
IEC 60068-2-27: Mechanical Shock
,
IEC 60068-2-6: Vibration
Conductor Attachment
Cable, Captivated
Contact Material
Brass
Contact Plating
Silver
Min. Operating Temperature

-55 °C
Max. Operating Temperature
85 °C
Ingress Protection
IP68
Mating Cycles
> 500
Drawing



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