Product Specifications

CA-PNFTM

Type N Female to TNC Male Adapter

CHARACTERISTICS

General Specifications

Interface	N Female
Interface 2	TNC Male
Body Style	Straight
Mounting Angle	Straight

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 6000 MHz
Average Power	300.0 W @ 900 MHz
dc Test Voltage	1500 V
Inner Contact Resistance	1.50 mOhm
Insulation Resistance, minimum	5000 MOhm
Outer Contact Resistance	0.40 mOhm
Peak Power, maximum	5.00 kW
RF Operating Voltage, maximum (vrms)	500.00 V

From North America, toll free
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Fax: 1-800-349-5444

Outside North America
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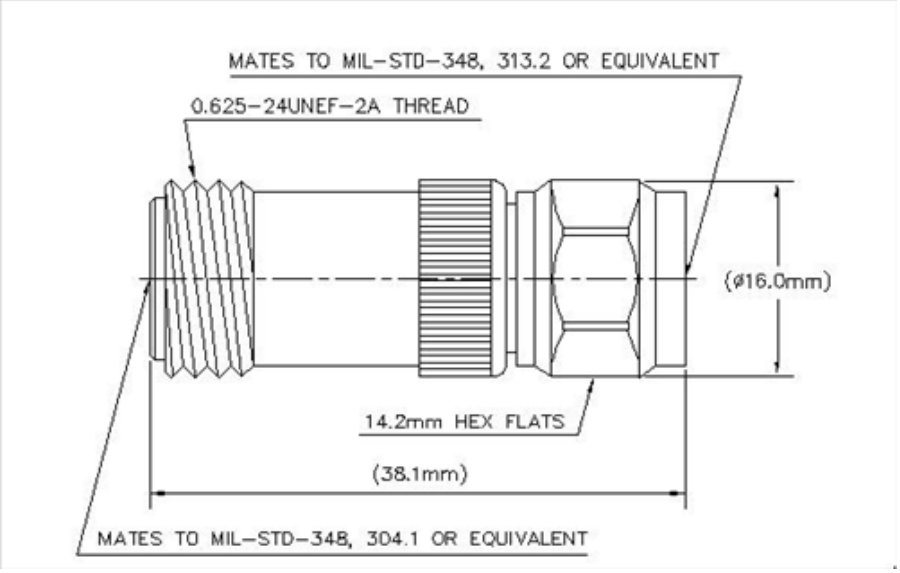
Product Specifications

Outline Drawing



Mechanical Specifications

Coupling Nut Proof Torque	1.70 N-m | 1.25 ft lb
Coupling Nut Proof Torque Method	IEC 169-17:9.3.6
Coupling Nut Retention Force	445.00 N | 100.04 lbf
Coupling Nut Retention Force Method	IEC 169-17:9.3.11
Insertion Force	28.00 N | 6.29 lbf
Insertion Force Method	IEC 169-17:9.3.5
Interface Durability	500 cycles
Interface Durability Method	IEC 169-16:9.5 | IEC 169-17:9.5
Pressurizable	No

Dimensions

Diameter, maximum	50.80 mm | 2.00 in
Length	149.35 mm | 5.88 in
Weight	335.00 g | 0.74 lb
Width	50.80 mm | 2.00 in

Environmental Specifications

Climatic Sequence Test Method	IEC 60068-1
Corrosion Test Method	IEC 60068-2-11
Damp Heat Steady State Test Method	IEC 60068-2-3
Mechanical Shock Test Method	IEC 60068-2-27
Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

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Standard Conditions

Attenuation, Ambient Temperature	20 °C | 68 °F
Average Power, Ambient Temperature	40 °C | 104 °F
Average Power, Inner Conductor Temperature	100 °C | 212 °F

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