Product Specifications

ANDREW®
A CommScope Company

CA-TNMNM-H

Type N Male to Type N Male Adapter

CHARACTERISTICS

General Specifications

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

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 6000 MHz
RF Operating Voltage, maximum (vrms)	707.00 V
dc Test Voltage	2500 V
Outer Contact Resistance, maximum	0.25 mOhm
Inner Contact Resistance, maximum	1.00 mOhm
Insulation Resistance, minimum	5000 MOhm
Average Power	600.0 W @ 900 MHz
Peak Power, maximum	10.00 kW

Product Specifications

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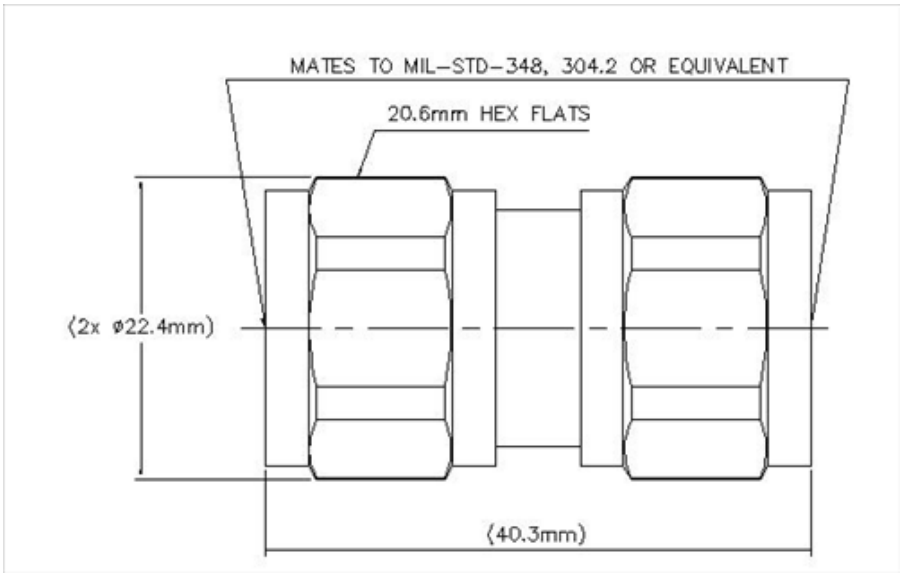
Outline Drawing



Mechanical Specifications

Coupling Nut Proof Torque	1.70 N-m | 1.25 ft lb
Coupling Nut Proof Torque Method	IEC 169-16:9.3.6
Coupling Nut Retention Force	450.00 N | 101.16 lbf
Coupling Nut Retention Force Method	IEC 169-16:9.3.11
Inner Contact Plating	Silver
Insertion Force	28.00 N | 6.29 lbf
Insertion Force Method	IEC 169-16:9.3.5
Interface Durability	500 cycles
Interface Durability Method	IEC 169-16:9.5
Outer Contact Plating	Trimetal
Pressurizable	No

Dimensions

Diameter	20.62 mm | 0.81 in
Length	40.33 mm | 1.59 in
Weight	48.00 g | 0.11 lb
Width	20.62 mm | 0.81 in

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

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

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

Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–3000 MHz	1.05	32.96

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)