



Type N Male to Type N Female Right Angle Adapter

Product Classification

Product Type

Adapter

General Specifications

Interface

N Male

Interface 2

N Female

Body Style

Right angle

Mounting Angle

Right angle

Ordering Note

CommScope® standard product in Europe, the Middle East, and Africa

Electrical Specifications

Connector Impedance

50 ohm

Operating Frequency Band

0 – 8000 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

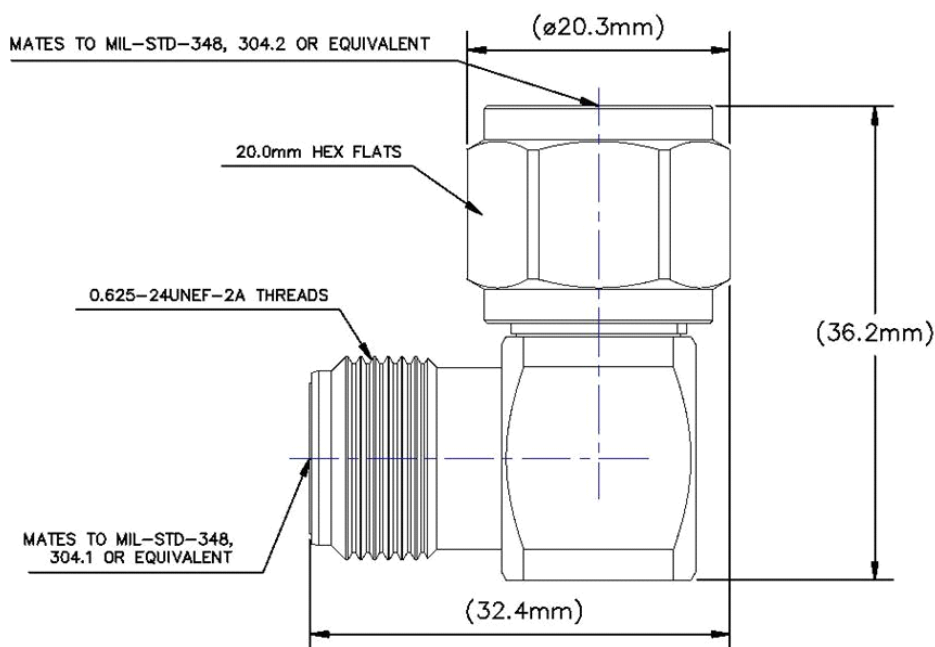
Average Power

600.0 W @ 900 MHz

Peak Power, maximum

10.00 kW

Outline Drawing



Mechanical Specifications

Coupling Nut Proof Torque	1.70 N-m 1.25 ft lb
Coupling Nut Proof Torque Method	IEC 61169-16:9.3.6
Coupling Nut Retention Force	450.00 N 101.16 lbf
Coupling Nut Retention Force Method	IEC 61169-16:9.3.11
Inner Contact Plating	Silver
Insertion Force	28.00 N 6.29 lbf
Insertion Force Method	IEC 61169-16:9.3.5
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-16:9.5
Outer Contact Plating	Trimetal
Pressurizable	No

Dimensions

Diameter	20.25 mm 0.80 in
Length	36.59 mm 1.44 in
Weight	67.55 g 0.15 lb

Width 32.38 mm | 1.27 in

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Immersion Depth	1 m
Immersion Test Mating	Mated
Immersion Test Method	IEC 60529:2001, IP68
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/VSWR

Frequency Band	VSWR	Return Loss (dB)
0–3000 MHz	1.07	30.00
3000–6000 MHz	1.22	20.00

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
China RoHS SJ/T 11364-2014	Above Maximum Concentration Value (MCV)



* Footnotes

Immersion Depth Immersion at specified depth for 24 hours