

TA-NFNF



Type N Female to Type N Female Low-PIM Adapter

Product Classification

Product Type Adapter

General Specifications

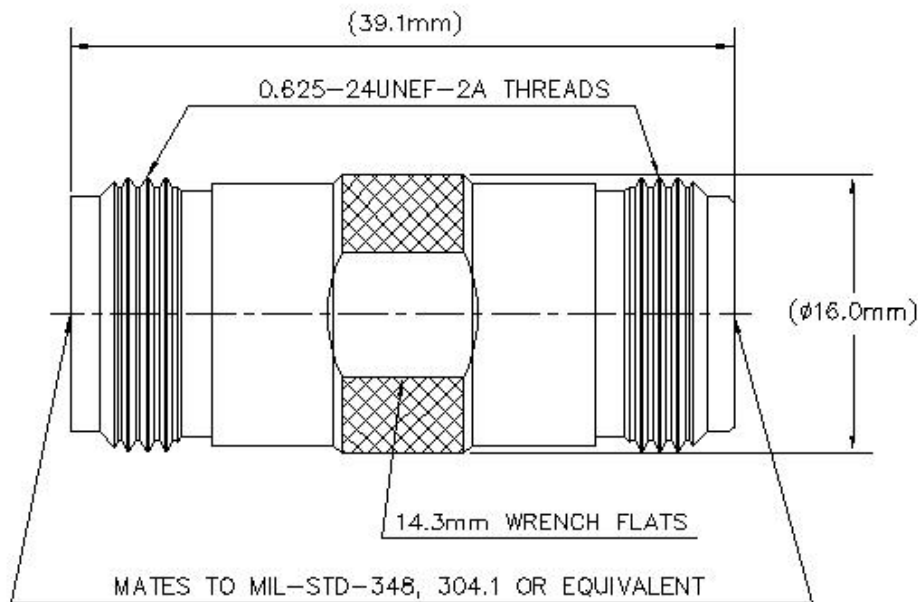
Interface N Female
Interface 2 N Female
Body Style Straight
Mounting Angle Straight

Electrical Specifications

Connector Impedance 50 ohm
Operating Frequency Band 0 – 6000 MHz
Average Power at Frequency 600.0 W @ 900 MHz
3rd Order IMD, typical -163 -dBc @ 1800 MHz
3rd Order IMD Test Method Two +43 dBm carriers
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
Peak Power, maximum 10.00 kW

TA-NFNF

Outline Drawing



Mechanical Specifications

Inner Contact Plating	Gold
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	16.00 mm 0.63 in
Length	39.09 mm 1.54 in
Weight	46.35 g 0.10 lb
Width	16.00 mm 0.63 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)

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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	1.05	32.00
3000–6000 MHz	1.13	24.00

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

China RoHS SJ/T 11364-2014

Classification

Compliant by Exemption

Designed, manufactured and/or distributed under this quality management system

Above Maximum Concentration Value (MCV)

