TA-JMNF



2.2-5 Male to N Female Low-PIM Adapter

Product Classification

Product Type Adapter

General Specifications

Body Style Straight

Inner Contact Plating Silver

Interface 2.2-5 Male

Interface 2N FemaleMounting AngleStraight

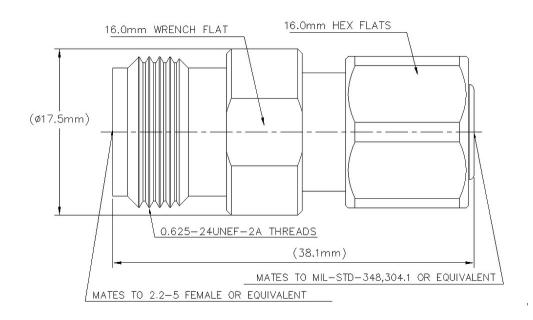
Outer Contact Plating Trimetal

Dimensions

Length 38.1 mm | 1.5 in

Diameter 17.42 mm | 0.686 in

Outline Drawing



Electrical Specifications

3rd Order IMD at Frequency -163 dBm @ 1800 MHz

3rd Order IMD Test Method Two +43 dBm carriers

Connector Impedance 50 ohm

dc Test Voltage 1500 V

Inner Contact Resistance, maximum 1.5 mOhm

Insulation Resistance, minimum 5000 MOhm

Outer Contact Resistance, maximum 2.5 mOhm

VSWR/Return Loss

Operating Frequency Band

Frequency Band VSWR Return Loss (dB)

0 - 6000 MHz

0–3000 MHz 1.065 30.04 **3000–6000 MHz** 1.083 27.99

Mechanical Specifications

Coupling Nut Proof Torque 3 N-m | 26.552 in lb



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Coupling Nut Retention Force 200 N | 44.962 lbf

Interface Durability 100 cycles

Mechanical Shock Test Method IEC 60068-2-27

Environmental Specifications

Operating Temperature $-55 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-67 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Storage Temperature $-65 \,^{\circ}\text{C}$ to $+125 \,^{\circ}\text{C}$ (-85 $^{\circ}\text{F}$ to $+257 \,^{\circ}\text{F}$)

Attenuation, Ambient Temperature $$20\ ^{\circ}\text{C}\ |\ 68\ ^{\circ}\text{F}$$

Average Power, Ambient Temperature 40 $^{\circ}\text{C}$ | 104 $^{\circ}\text{F}$

Average Power, Inner Conductor Temperature 100 °C | 212 °F

Climatic Sequence Test Method IEC 60068-1

Corrosion Test Method IEC 60068-2-11

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

Packaging and Weights

Weight, net $45.42~\mathrm{g}~\mid~0.1~\mathrm{lb}$