

TA-JMNF



2.2-5 Male to N Female Low-PIM Adapter

Product Classification

Product Type Adapter

General Specifications

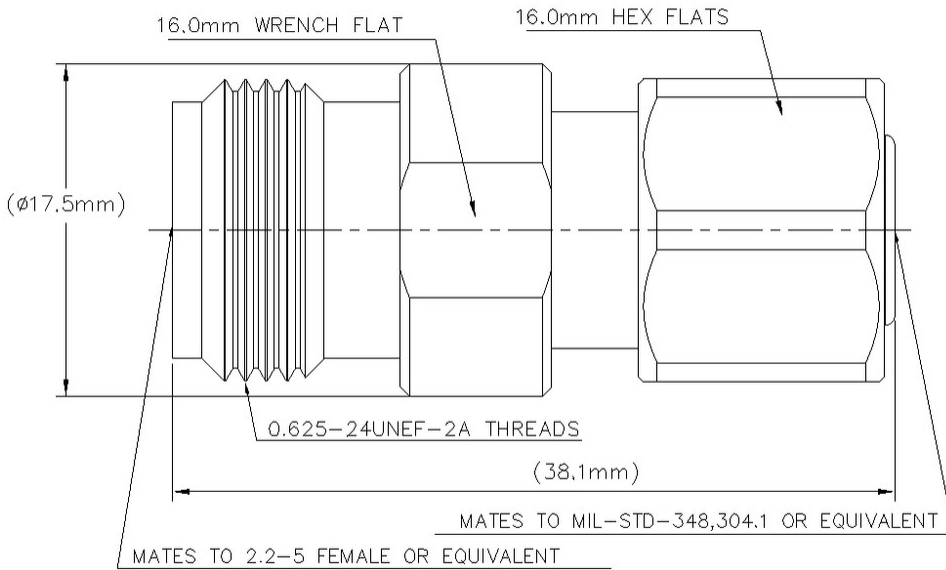
Body Style Straight
Inner Contact Plating Silver
Interface 2.2-5 Male
Interface 2 N Female
Mounting Angle Straight
Outer Contact Plating Trimetal

Dimensions

Length 38.1 mm | 1.5 in
Diameter 17.42 mm | 0.686 in

Outline Drawing

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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
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
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 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °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 g 0.1 lb
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