Product Specifications

TA-NFHF

N Female to 4.3-10 Female Low-PIM Adapter

General Specifications

Product Type	PIM test adapter
Interface	4.3-10 Female
Interface 2	N Female
Body Style	Straight
Mounting Angle	Straight

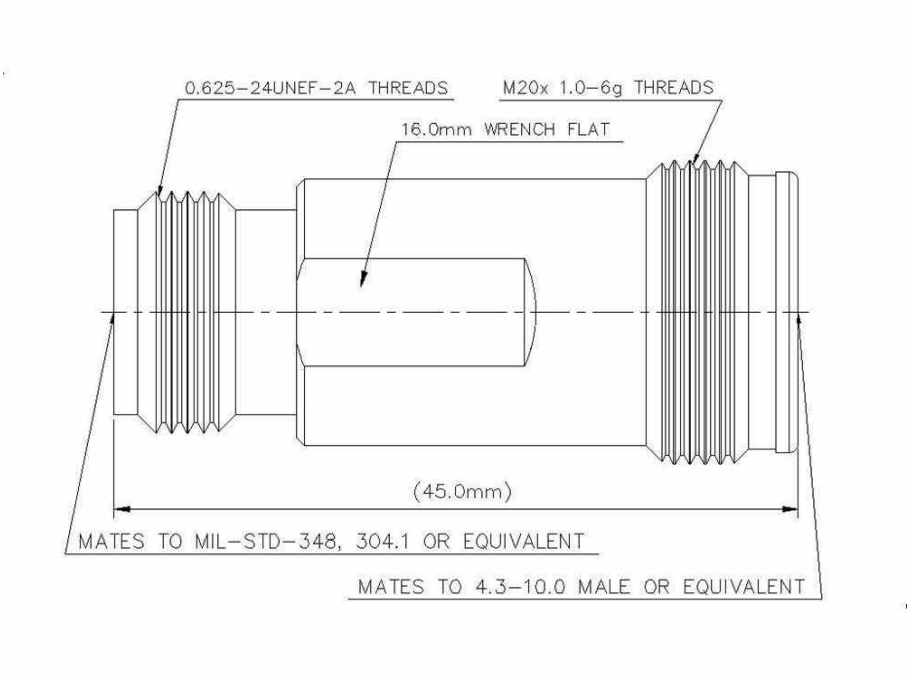
Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 6000 MHz
3rd Order IMD, typical	-116 dBm @ 1800 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
dc Test Voltage	2500 V
Outer Contact Resistance, maximum	1.00 mOhm
Inner Contact Resistance, maximum	1.00 mOhm
Insulation Resistance, minimum	5000 MOhm

Product Specifications

TA-NFHF

Outline Drawing



Mechanical Specifications

Coupling Nut Proof Torque	7.00 N-m | 5.16 ft lb
Coupling Nut Retention Force	450.00 N | 101.16 lbf
Inner Contact Plating	Silver
Interface Durability	100 cycles
Outer Contact Plating	Trimetal

Dimensions

Diameter	34.60 mm | 1.36 in
Length	45.00 mm | 1.77 in
Weight	55.65 g | 0.12 lb

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)
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

Product Specifications

TA-NFHF

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)
0–4000 MHz	1.03	36.00
4000–6000 MHz	1.08	28.00

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system