

TA-HFHM



4.3-10 Female to 4.3-10 Male Low-PIM Adapter

Product Classification

Product Type Adapter

General Specifications

Inner Contact Plating Silver

Interface 4.3-10 Female

Interface 2 4.3-10 Male

Outer Contact Plating Trimetal

Pressurizable No

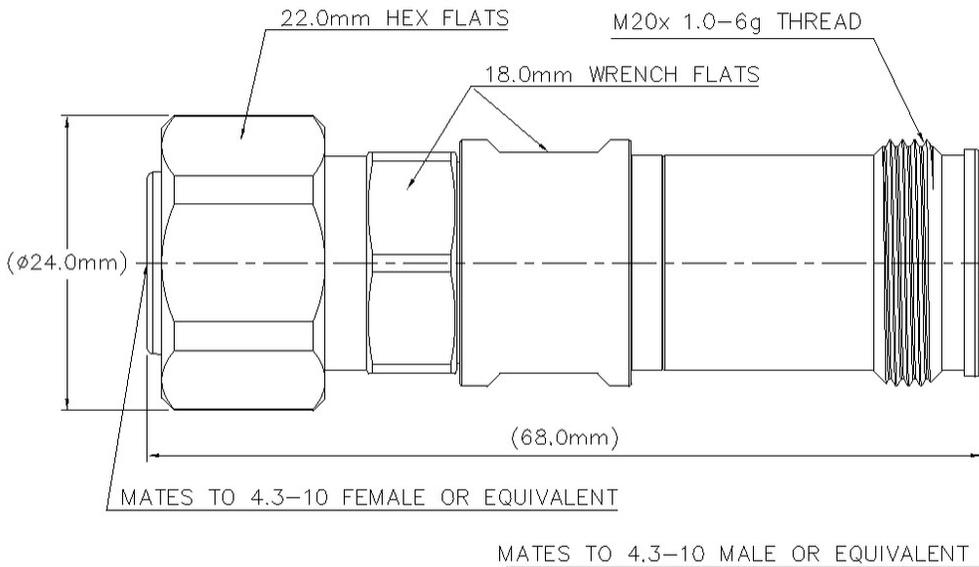
Dimensions

Length 68 mm | 2.677 in

Diameter 24 mm | 0.945 in

Outline Drawing

TA-HFHM



Electrical Specifications

3rd Order IMD Test Method	Two +43 dBm carriers
Average Power	200 W
Connector Impedance	50 ohm
dc Test Voltage	2500 V
Inner Contact Resistance, maximum	1 ohm
Operating Frequency Band	0 – 6000 MHz
Peak Power, maximum	2 kW

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0-6000 MHz	1.083	28

Mechanical Specifications

Coupling Nut Proof Torque	5 N-m 44.254 in lb
Coupling Nut Retention Force	450 N 101.164 lbf
Coupling Nut Retention Force Method	IEC 61169-154

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Interface Durability	100 cycles
Interface Durability Method	IEC 61169-154
Mechanical Shock Test Method	MIL-STD-202F, Method 213B, Test Condition C

Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Storage Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Corrosion Test Method	MIL-STD-1344A, Method 1001.1, Test Condition A
Immersion Depth	1 m
Immersion Test Mating	Mated
Immersion Test Method	IEC 60529:2001, IP68
Moisture Resistance Test Method	MIL-STD-202F, Method 106F
Thermal Shock Test Method	MIL-STD-202F, Method 107G
Vibration Test Method	MIL-STD-202F, Method 204D, Test Condition B

Packaging and Weights

Weight, net	96.37 g 0.212 lb
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* Footnotes

Immersion Depth	Immersion at specified depth for 24 hours
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