

TA-JMDM



2.2-5 Male to 7-16 DIN Male Low-PIM Adapter

Product Classification

Product Type Adapter

General Specifications

Body Style Straight

Inner Contact Plating Silver

Interface 2.2-5 Male

Interface 2 7-16 DIN Male

Mounting Angle Straight

Outer Contact Plating Silver

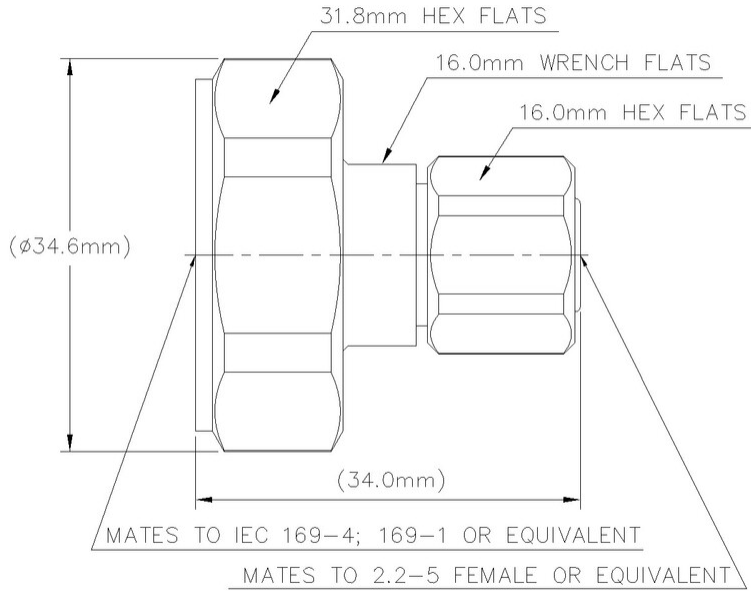
Dimensions

Length 34 mm | 1.339 in

Diameter 34.6 mm | 1.362 in

Outline Drawing

TA-JMDM



Electrical Specifications

3rd Order IMD at Frequency	-165 dBc @ 3500 MHz -165 dBc @ 800 MHz -165 dBc @ 900 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Cable Impedance	50 ohm
Connector Impedance	50 ohm
dc Test Voltage	1500 V
Inner Contact Resistance, maximum	2 mOhm
Insulation Resistance, minimum	3000 mOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	1 mOhm

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–3000 MHz	1.032	36.06
3000–6000 MHz	1.083	27.99

Mechanical Specifications

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Coupling Nut Proof Torque	4 N-m 35.403 in lb
Coupling Nut Proof Torque, Interface 2	35 N-m 309.776 in lb
Coupling Nut Retention Force	200 N 44.962 lbf
Coupling Nut Retention Force, Interface 2	100 N 22.481 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	70 g 0.154 lb
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