

TA-BYFYF-12.6



1.5-3.5 Female to 1.5-3.5 Female Adapter

Product Classification

Product Type Adapter

General Specifications

Body Style Straight

Inner Contact Plating Gold

Interface 1.5-3.5 Female

Interface 2 1.5-3.5 Female

Mounting Angle Straight

Outer Contact Plating Silver

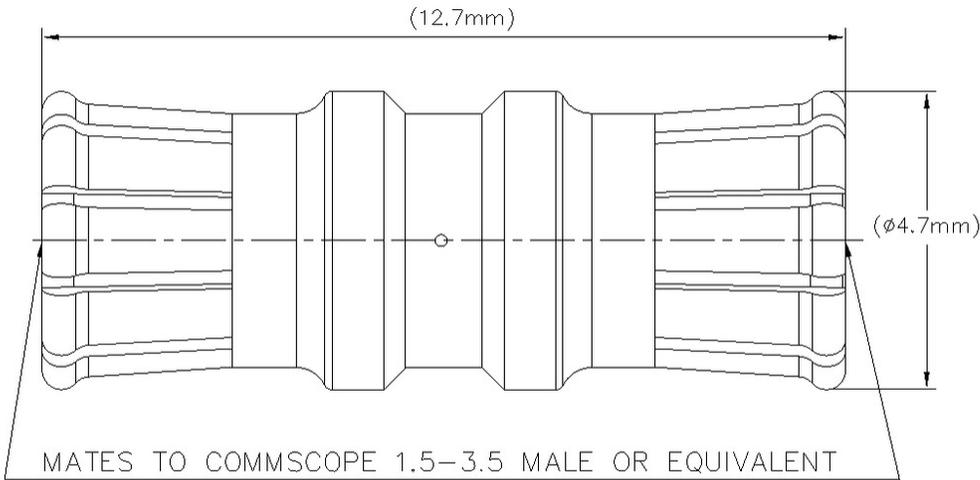
Dimensions

Length 12.6 mm | 0.496 in

Diameter 4.7 mm | 0.185 in

Outline Drawing

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Electrical Specifications

3rd Order IMD at Frequency	-110 dBm @ 3500 MHz -116 dBm @ 1800 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Connector Impedance	50 ohm
dc Test Voltage	1000 V
Inner Contact Resistance, maximum	2 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2 mOhm
Peak Power, maximum	100 kW

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
450-2200 MHz	1.065	30.04
2200-3800 MHz	1.065	30.04
3800-4200 MHz	1.083	27.99
4200-6000 MHz	1.222	20.01

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Mechanical Specifications

Axial Range	12.6 14.6
Insertion Force	15 N 3.372 lbf
Separation Force	15 N 3.372 lbf
Interface Durability	100 cycles
Axial Misalignment	1 mm 0.039 in
Radial Float/Misalignment	4°

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
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	0.57 g 0.001 lb
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

