

POWERED BY



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Mini UHF Male for 1/4 in FSJ1-50A cable

General Specifications

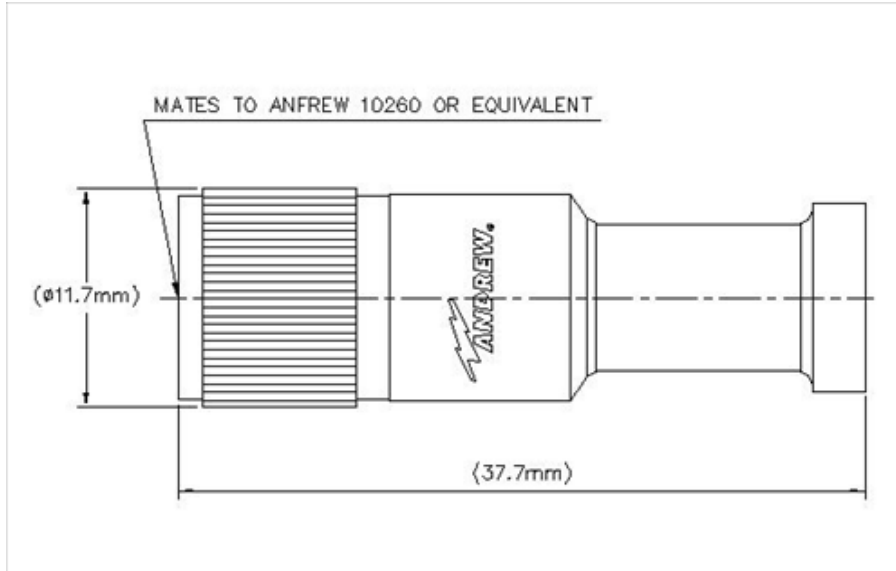
Interface	Mini UHF Male
Body Style	Straight
Brand	HELIAX®
Mounting Angle	Straight

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 1000 MHz
Cable Impedance	50 ohm
3rd Order IMD, typical	-112 dBm @ 910 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Insulation Resistance, minimum	5000 MOhm
Average Power	0.4 kW @ 900 MHz



Outline Drawing



Mechanical Specifications

Outer Contact Attachment Method	Crimp
Inner Contact Attachment Method	Captivated
Outer Contact Plating	Trimetal
Inner Contact Plating	Silver
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17
Connector Retention Tensile Force	450 N 101 lbf
Connector Retention Torque	1.40 N-m 1.03 ft lb
Pressurizable	No

Dimensions

Nominal Size	1/4 in
Diameter	11.68 mm 0.46 in
Height	11.68 mm 0.46 in
Length	37.71 mm 1.48 in
Weight	13.60 g 0.03 lb
Width	11.68 mm 0.46 in

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)
Moisture Resistance Test Method	IEC 60068-2-3
Mechanical Shock Test Method	IEC 60068-2-27
Thermal Shock Test Method	IEC 60068-2-14

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Vibration Test Method IEC 60068-2-6
Corrosion Test Method IEC 60068-2-11



Standard Conditions

Attenuation, Ambient Temperature 20 °C | 68 °F
Average Power, Ambient Temperature 40 °C | 104 °F
Average Power, Inner Conductor Temperature 100 °C | 212 °F

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
China RoHS SJ/T 11364-2006
ISO 9001:2008

Classification

Compliant by Exemption
Above Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system

