

Product Specifications



41U

UHF Female for 1/4 in FSJ1-50A cable



CHARACTERISTICS

General Specifications

Interface	UHF Female
Body Style	Straight
Mounting Angle	Straight

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 6000 MHz
3rd Order IMD Test Method	Two +43 dBm Carriers
Average Power	0.4 kW @ 900 MHz
Cable Impedance	50 ohm
3rd Order IMD	-112 dBm @ 910 MHz

Mechanical Specifications

Outer Contact Attachment Method	Tab-flare
Connector Retention Tensile Force	450 N 101 lbf
Connector Retention Torque	1 N-m 1 ft lb
Inner Contact Attachment Method	Captivated
Interface Durability	500 cycles
Interface Durability Method	IEC 169-4:17
Pressurizable	No

Dimensions

Nominal Size	1/4 in
Diameter, maximum	50.80 mm 2.00 in
Height	50.80 mm 2.00 in
Length	149.35 mm 5.88 in
Weight	91.00 g 0.20 lb
Width	50.80 mm 2.00 in

Environmental Specifications

Product Specifications



Corrosion Test Method	IEC 60068-2-11
Mechanical Shock Test Method	IEC 60068-2-27
Moisture Resistance Test Method	IEC 60068-2-3
Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

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