



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

Product Classification

Product Type Wireless and radiating connector

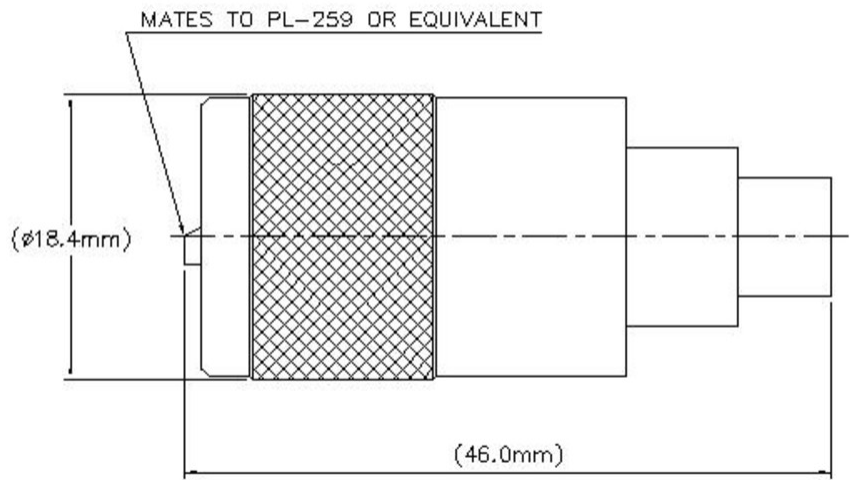
General Specifications

Body Style	Straight
Cable Family	FSJ1-50A
Inner Contact Plating	Silver
Interface	UHF Male
Mounting Angle	Straight
Outer Contact Plating	Nickel
Pressurizable	No

Dimensions

Height	18.54 mm 0.73 in
Width	18.54 mm 0.73 in
Length	43.69 mm 1.72 in
Diameter	18.54 mm 0.73 in
Nominal Size	1/4 in

Outline Drawing



Electrical Specifications

3rd Order IMD at Frequency	-112 dBm @ 910 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Average Power at Frequency	0.4 kW @ 900 MHz
Cable Impedance	50 ohm
Connector Impedance	50 ohm
Operating Frequency Band	0 – 3000 MHz

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
45–400 MHz	1.152	23.02

Mechanical Specifications

Connector Retention Tensile Force	449.27 N 101 lbf
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17
Mechanical Shock Test Method	IEC 60068-2-27

Environmental Specifications

41SP

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
Corrosion Test Method	IEC 60068-2-11
Moisture Resistance 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	61 g 0.134 lb
-------------	-----------------

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

