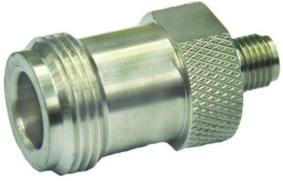


CA-NFSF

Type N Female to SMA Female Adapter



Product Classification

Product Type Adapter

General Specifications

Body Style Straight

Inner Contact Plating Gold

Interface N Female

Interface 2 SMA Female

Mounting Angle Straight

Outer Contact Plating Trimetal

Dimensions

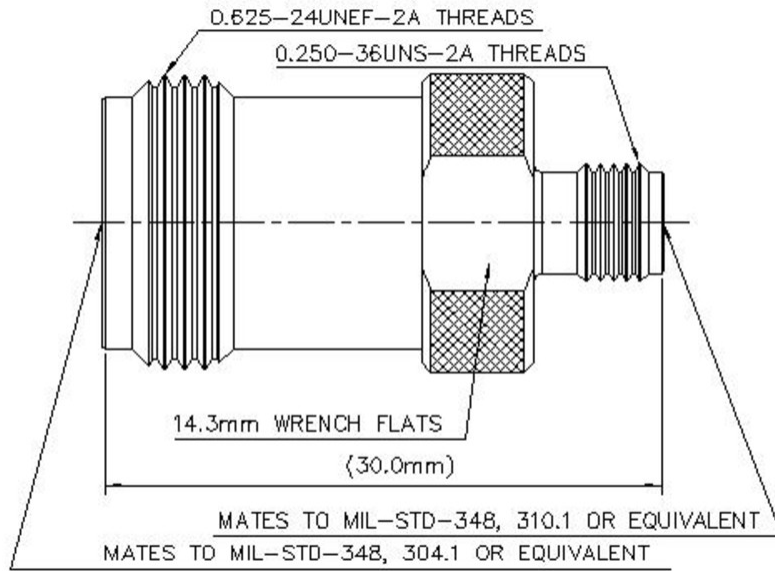
Width 16 mm | 0.63 in

Length 30 mm | 1.181 in

Diameter 16 mm | 0.63 in

Outline Drawing

CA-NFSF



Electrical Specifications

Connector Impedance	50 ohm
dc Test Voltage	1000 V
Inner Contact Resistance, maximum	3 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm
Peak Power, maximum	5 kW
RF Operating Voltage, maximum (vrms)	500 V

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0-3000 MHz	1.052	31.92
3000-6000 MHz	1.222	20.01

Mechanical Specifications

Interface Durability	500 cycles
Interface Durability Method	IEC 61169-15:9.5 IEC 61169-16:9.5
Mechanical Shock Test Method	IEC 60068-2-27

CA-NFSF

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	26.18 g 0.058 lb
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