

CA-QDFBNF

QDS Female to Type N Female Bulkhead Adapter

OBSOLETE

This product was discontinued on: May 18, 2019

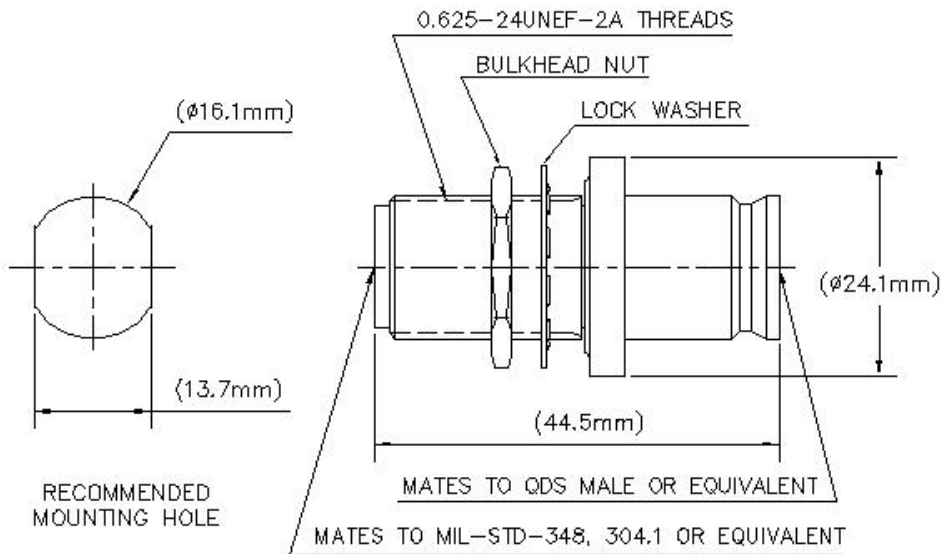
Product Classification

Product Type Adapter

General Specifications

Body Style	Straight
Interface	QDS Female
Interface 2	N Female
Mounting Angle	Straight
Pressurizable	No

Outline Drawing



Electrical Specifications

Average Power at Frequency 600.0 W @ 900 MHz

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Connector Impedance	50 ohm
dc Test Voltage	2500 V
Inner Contact Resistance, maximum	6 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	3 mOhm
Peak Power, maximum	10 kW
RF Operating Voltage, maximum (vrms)	707 V

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–3000 MHz	1.065	30.04
3000–6000 MHz	1.222	20.01

Mechanical Specifications

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

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	82 g 0.181 lb
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CA-QDFBNF

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

Designed, manufactured and/or distributed under this quality management system