

# CA-QDFBNF

## QDS Female to Type N Female Bulkhead Adapter

**OBSOLETE**

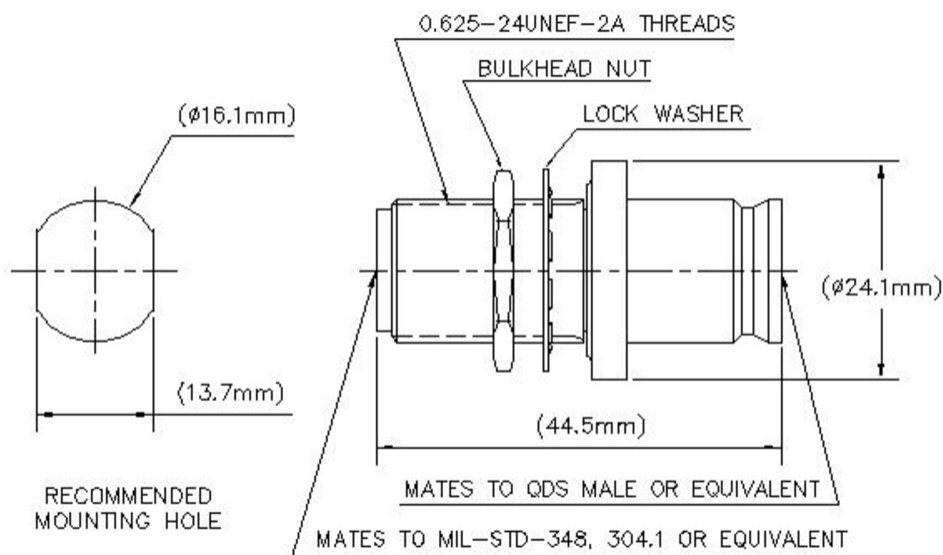
### Product Classification

**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

**Connector Impedance** 50 ohm

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

## VSWR/Return Loss

<b>Frequency Band</b>	<b>VSWR</b>	<b>Return Loss (dB)</b>
<b>0–3000 MHz</b>	1.07	30
<b>3000–6000 MHz</b>	1.23	20

## Mechanical Specifications

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

## Environmental Specifications

<b>Operating Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)
<b>Storage Temperature</b>	-65 °C to +125 °C (-85 °F to +257 °F)
<b>Attenuation, Ambient Temperature</b>	20 °C   68 °F
<b>Average Power, Ambient Temperature</b>	40 °C   104 °F
<b>Average Power, Inner Conductor Temperature</b>	100 °C   212 °F
<b>Climatic Sequence Test Method</b>	IEC 60068-1
<b>Corrosion Test Method</b>	IEC 60068-2-11
<b>Damp Heat Steady State Test Method</b>	IEC 60068-2-3
<b>Thermal Shock Test Method</b>	IEC 60068-2-14
<b>Vibration Test Method</b>	IEC 60068-2-6

## Packaging and Weights

<b>Weight, net</b>	82 g   0.181 lb
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## Regulatory Compliance/Certifications

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**Agency**

ISO 9001:2015



**Classification**

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