

# PRODUCT SPECIFICATIONS

## Straight SMB Bulkhead Jack to SMB Jack Adapter

40241202400003



### Electrical

|                                 |                                                                            |
|---------------------------------|----------------------------------------------------------------------------|
| Impedance                       | 50 $\Omega$                                                                |
| Frequency Range                 | DC-4 GHz                                                                   |
| V.S.W.R                         | 1.22 Max.                                                                  |
| Insertion Loss                  | 0.2 dB Max.                                                                |
| Voltage Rating                  | 335 volts rms. at sea level                                                |
| Dielectric Withstanding Voltage | 1000 volts rms. at sea level                                               |
| Insulation Resistance           | 1000 Megohms Min.                                                          |
| Contact Resistance              | Center contact = 12.0 Milliohms Max.<br>Outer contact = 2.0 Milliohms Max. |
| Power Handling                  | 220W                                                                       |

### Mechanical

|                              |                        |
|------------------------------|------------------------|
| Mechanical                   | Snap-on coupling       |
| Durability                   | 500 Cycles             |
| Center Contact Retention     | 4 lbs Min. Axial force |
| Recommended Panel Nut Torque | 8~10 inch-lbs          |

### Material

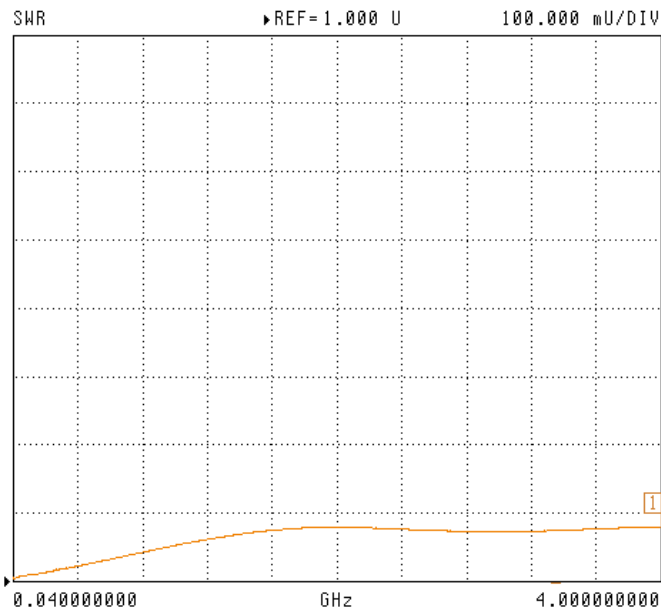
|                |       |
|----------------|-------|
| Connector Body | Brass |
| Center Contact | Brass |
| Insulation     | PTFE  |

### Environmental

|             |                                               |
|-------------|-----------------------------------------------|
| Temperature | -65°C to 165°C                                |
| Vibration   | Refer to MIL-STD-202 Method 204 Test Cond. B. |
| Salt Spray  | Refer to MIL-STD-202 Method 101 Test Cond. B. |

## Test Report

S11 FORWARD REFLECTION



CH 1 - S11  
0.0000 mm REF  
0.000 dB OFFSET  
0.00° OFFSET

MARKER 1  
4.000000000 GHz  
1.079 U

▶ MARKER TO MAX  
MARKER TO MIN

MARKER READOUT  
FUNCTIONS