

PRODUCT SPECIFICATIONS

Straight SMP Jack To Jack Adapter

40481204800003



Electrical

Impedance	50 Ω
Frequency Range	DC- 40 GHz
V.S.W.R	1.2 max. @26.5 GHz 1.5 max. @40 GHz
Insertion Loss	0.65 dB max.
Voltage Rating	335 volts rms. at sea level
Dielectric Withstanding Voltage	500 volts rms. at sea level
Insulation Resistance	5000 Megohms min.
Contact Resistance	Center contact = 12.0 Milliohms max. Outer contact = 4.0 Milliohms max.
Power Handling	220W

Mechanical

Mechanical	Snap on Coupling
Durability	500 Cycles
Center Contact Retention	1.5 lbs min. Axial force

Material

Connector Body	Beryllium Copper
Center Contact	Beryllium Copper
Insulation	PTFE

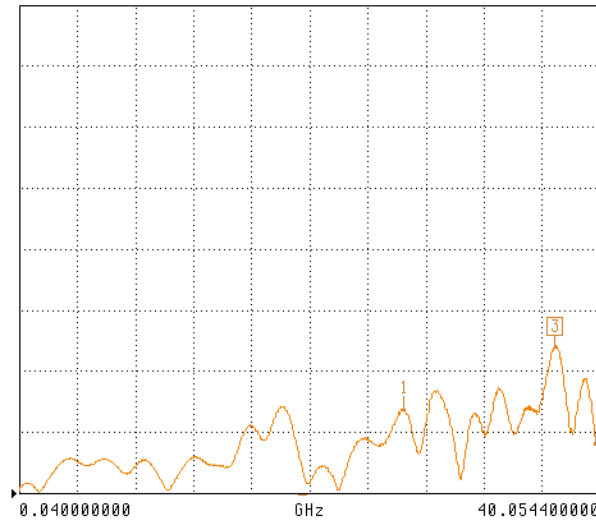
Environmental

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

Test Report

S11 FORWARD REFLECTION

SWR REF=1.000 U 100.000 mU/DIV



CH 3 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 3
36.903266000 GHz
1.238 U

▶ MARKER TO MAX
MARKER TO MIN

1 26.549540000 GHz
1.136 U

2 40.004302000 GHz
1.051 U

MARKER READOUT
FUNCTIONS