

PRODUCT SPECIFICATIONS

HDTV Series

Straight F Jack to F Jack Adapter

40181201800011 (18-20-13 PPGN)



Electrical

Impedance	75 Ω
Frequency Range	DC-3 GHz
V.S.W.R	1.3 max.
Insertion Loss	0.6 dB max.
Voltage Rating	500 volts rms. at sea level
Dielectric Withstanding Voltage	1500 volts rms. at sea level
Insulation Resistance	5000 Megohms min.
Contact Resistance	Center contact = 10.0 Milliohms max. Outer contact = 5.0 Milliohms max.
Power Handling	200W

Mechanical

Mechanical	3/8"-32 Threaded coupling
Durability	500 Cycles
Center contact retention	6 lbs Axial force
Recommended Panel Nut Torque	22~25 inch-lbs

Material

Connector Body	Brass
Center Contact	Phosphor Bronze
Insulation	PP

Environmental

Temperature	-40°C to 60°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. A.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

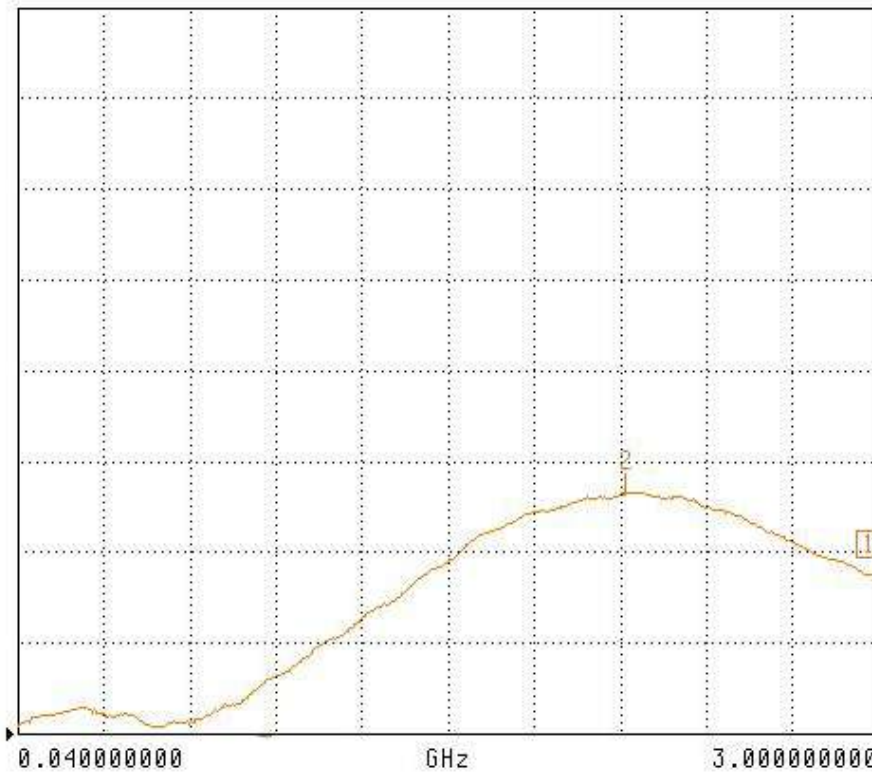
Test Report

S11 FORWARD REFLECTION

SWR

REF=1.000 U

100.000 mU/DIV



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

MARKER 1
3.000000000 GHz
1.173 U

▶ MARKER TO MAX
MARKER TO MIN

2 2.134200000 GHz
1.265 U

MARKER READOUT
FUNCTIONS