



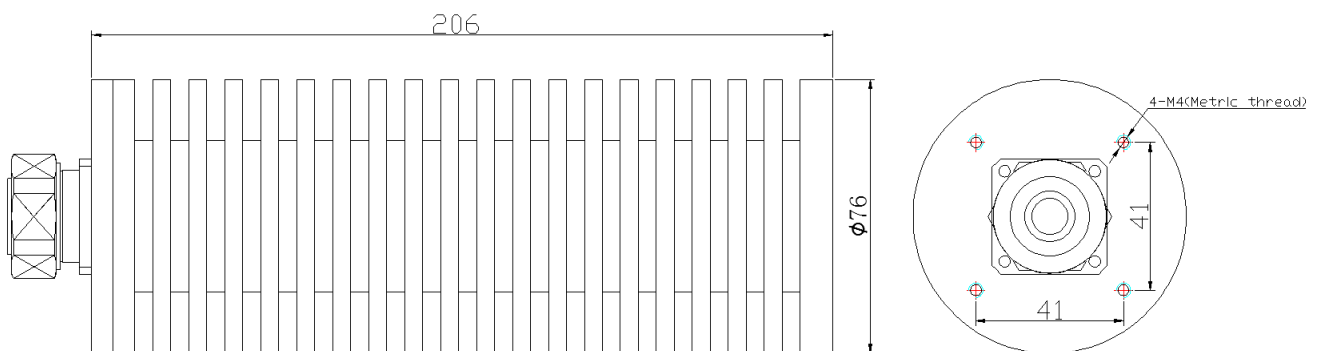
**Electrical & Environmental**

Impedance	50 ohm
Frequency Range	380-6000 MHz
Return Loss	18dB min @380-600MHz, 20dB min @600-4000MHz, 18dB min @4000-6000MHz
Input Avg Power	100W@ 25°C
PIM (Intermod)	-160dBc min (with 2×20W tones at 850/2600MHz @25°C)
Ingress Protection	IP67
Operating Temp	-40°C-+75°C

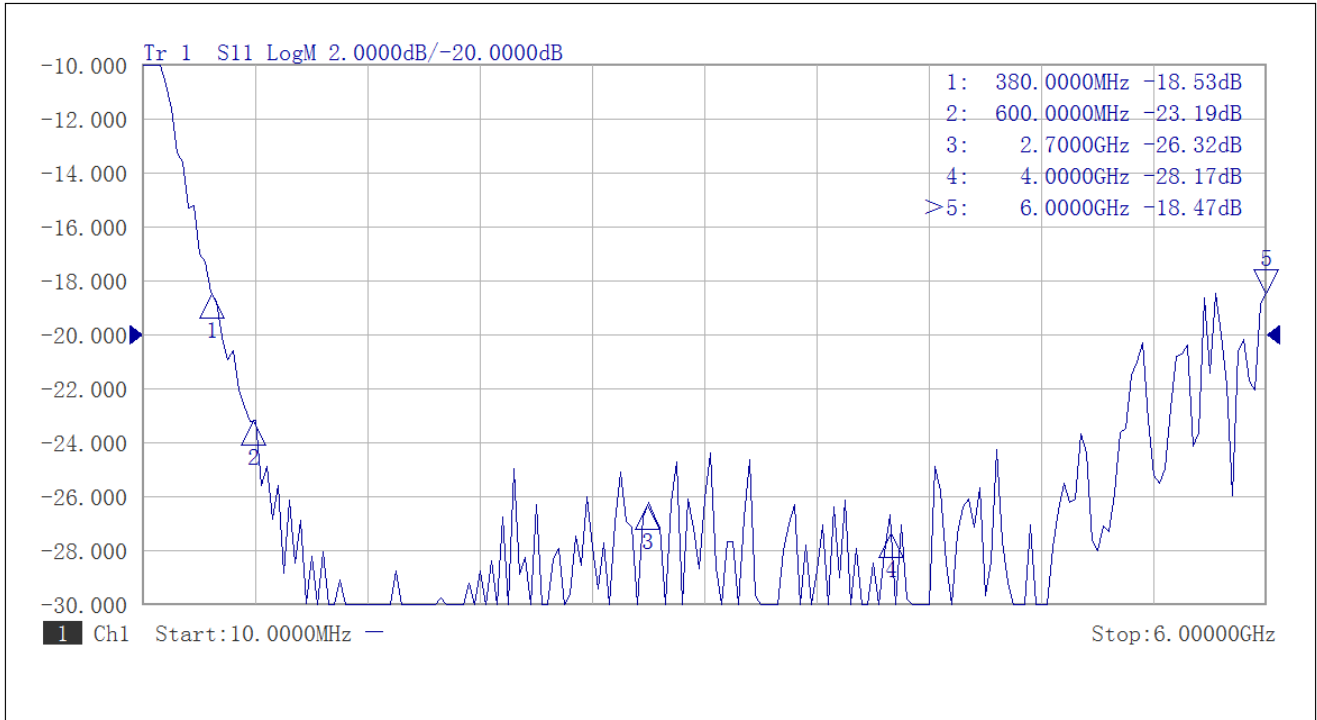
**Mechanical**

Connector	DIN 7/16 male
Connector Body	Brass, ternary alloy plated
Center Contact	Silver plated brass
Dielectric	PTFE
Housing	Aluminum, anodized black
Weight	About 2 kg

**Dimensions(mm)**

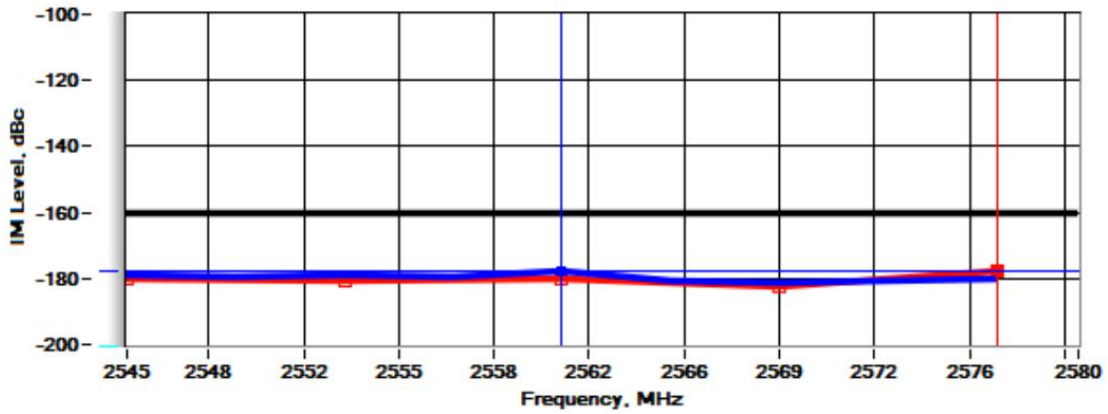


# Typical Test Data



## Passive IM Response (IM3)

**F2 Down** — F1=2620.0 MHz, F2=2679.0 MHz; IM3=-177.6 dBc at 2561.0  
**F1 Up** — F1=2636.0 MHz, F2=2695.0 MHz; IM3=-178.0 dBc at 2577.0



## PORT 1 REVERSE IM