



Low PIM Termination

RTL04100N1

N Female, 380-6000MHz, -160dBc, 100W, Round

Rev 1

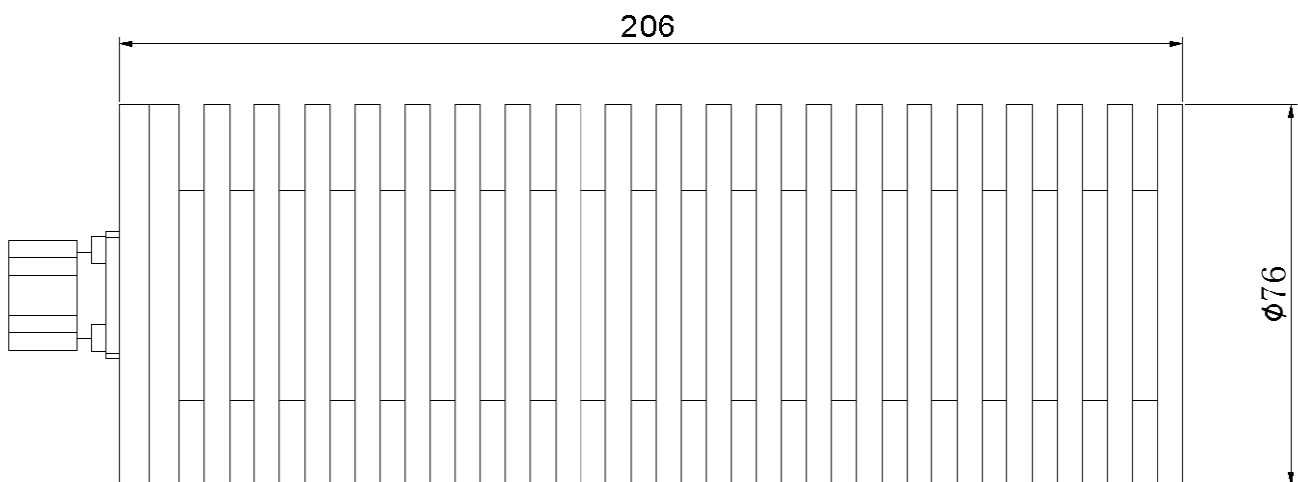
Electrical & Environmental

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
Ingress Protection	IP67
Operating Temp	-40°C-+75°C

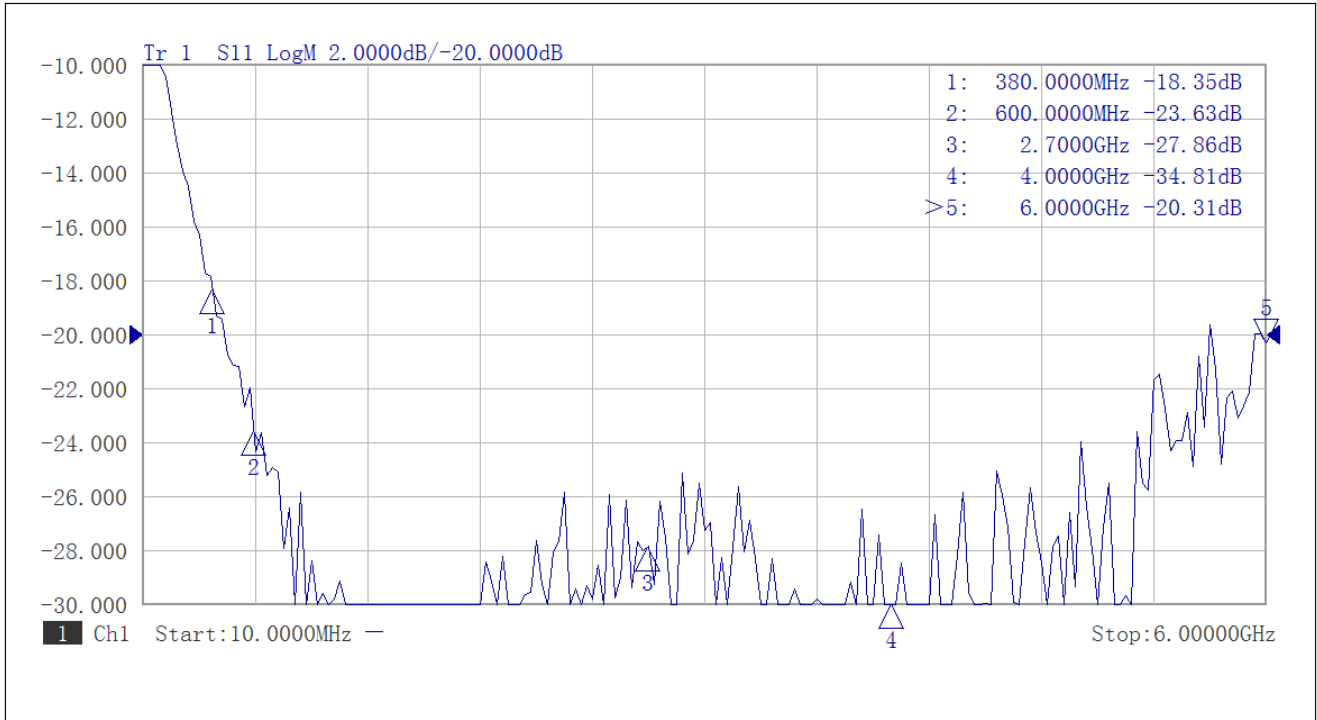
Mechanical

Connector	N female
Connector Body	Brass, ternary alloy plated
Center Contact	Silver plated BeCu(silver plating 150-200μm)
Dielectric	PTFE
Housing	Aluminum, anodized black
Weight	About 2 kg

Dimensions(mm)

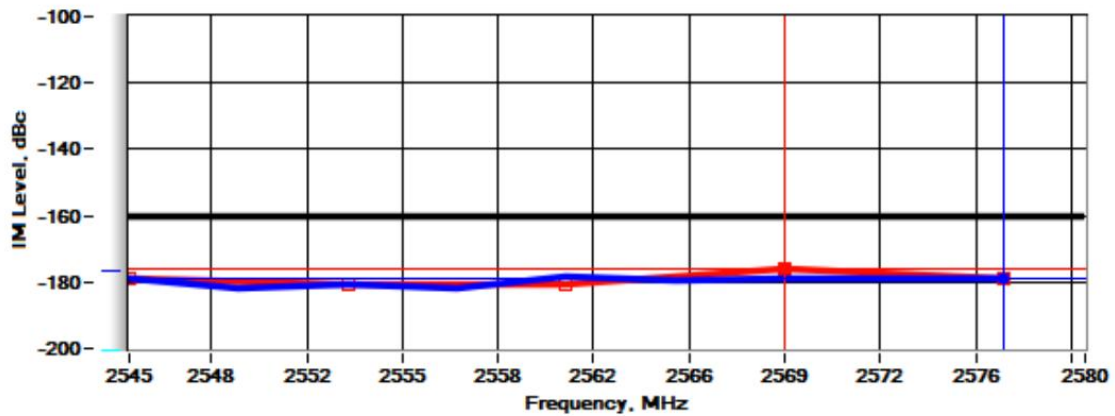


Typical Test Data



Passive IM Response (IM3)

F2 Down — F1=2620.0 MHz, F2=2663.0 MHz; IM3=-179.0 dBc at 2577.0
F1 Up — F1=2632.0 MHz, F2=2695.0 MHz; IM3=-176.2 dBc at 2569.0



PORT 1 REVERSE IM

Kaelus Virtual Front Panel (v11.7): New

Rev. 11.7