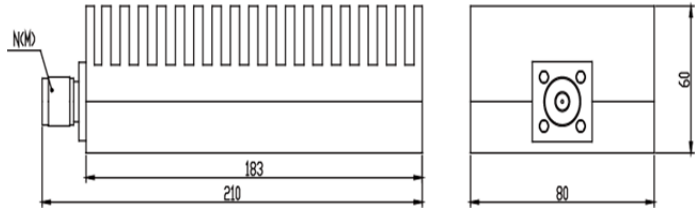


N Low intermodulation termination's average power is 100W frequency range is DC-3GHz. It provides a test terminal for intermodulation test and the passive Intermodulation of its own won't affect the result of measuring. Under two 20W power, intermodulation of N serial low intermodulation terminations less than -120dBc that make the test result reasonable. And the termination can be also used in high precision test and measuring in amplifier.



MECHANICAL SPECIFICATIONS	
Connectors	Ternary Alloy
Male Pin	Brass Silver Plated
Housing	Aluminum, Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	210×80×60mm
Weight	1.8Kg

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
ST271M-50-100W-03LIM	DC-3	1.20

3rd INTERMODULATION

Model Number	Two input signals	Reflected IM3
ST271M-50-100W-03LIM	935MHz & 960MHz	-120dBc@2×43dBm

Note: IM3 test data for 1800,2100MHz is available at additional cost

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 100W average to 25°C ambient temperature, derated linearly to 10W @ 125°C

PEAK POWER: 10KW (5μs pulse width with 1% duty cycle)

CONNECTOR TYPE: N(M)

Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available