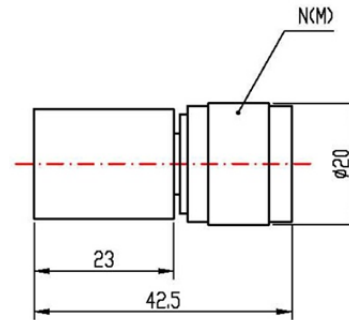


N Low intermodulation termination's average power is 2W frequency range is DC-3GHz. It provides a test terminal for intermodulation test and the passive intermodulation of its own won't affect the result of measuring. And the termination can be also used in high precision test and measuring in amplifier.



MECHANICAL SPECIFICATIONS	
Connectors	Ternary Alloy
Male Pin	Brass Silver Plated
Housing	Aluminum
Temp Range	-55° C ~ +125° C
Dimensions	Ø20×42.5mm
Weight	50g

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Max VSWR
ST271M-50-2W-03LIM	DC-3	1.15

### 3rd INTERMODULATION

Model Number	Two input signals	Reflected IM3
ST271M-50-2W-03LIM	935MHz & 960MHz	-120dBc@2×33dBm

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

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 2W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C

**PEAK POWER:** 0.5KW (5μs pulse width with 0.4% duty cycle)

**CONNECTOR TYPE:** N(M)

### Notes:

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