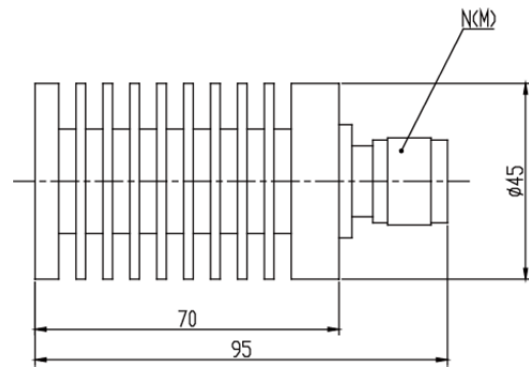


N Low intermodulation termination's average power is 25W frequency range is DC-3GHz. It provides a test terminal for intermodulation test and the passive Intermodulation of its own won't affect the result of measuring. Under two 2W power, intermodulation of N serial low intermodulation terminations less 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 | Ø45×95mm |
| Weight | 240g |

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

| Model Number | Frequency Range (GHz) | Max VSWR |
|---------------------|-----------------------|----------|
| ST271M-50-25W-03LIM | DC-3 | 1.20 |

3rd INTERMODULATION

| Model Number | Two input signals | Reflected IM3 |
|---------------------|-------------------|-----------------|
| ST271M-50-25W-03LIM | 935MHz & 960MHz | -120dBc@2×33dBm |

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

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 25W average to 25°C ambient temperature, derated linearly to 2.5W @ 125°C

PEAK POWER: 1KW (5μs pulse width with 2.5% duty cycle)

CONNECTOR TYPE: N(M)

Notes:

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