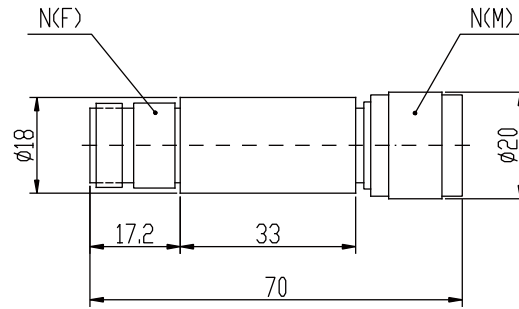


SAT27M05XX03LIM Low Intermodulation attenuators' average power is 5W frequency range is DC-3GHz. It provides a test terminal for intermodulation test and the passive Intermodulation of its own won't affect the result of measuring. And the termination can be also used in high precision test and measuring in amplifier.



MECHANICAL SPECIFICATIONS	
Connectors	Ternary Alloy
Male Pin	Brass Silver Plated
Female Pin	Beryllium Copper Silver Plated
Housing	Aluminum
Temp Range	-55°C~+125°C
Dimensions	Ø20×70mm
Weight	65g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)					MAX VSWR
		3	6	10	20	30	
SAT27M05XX03LIM	DC-3	±0.4	±0.4	±0.5	±0.5	±0.6	1.20

Note: XX refer to attenuation value in dB

3rd ORDER INTERMODULATION

Model Number	Two Input Signals	Reflected IM3
SAT27M05XX03LIM	935MHz & 960MHz	-120dBc@2×33dBm

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 5W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C

PEAK POWER: 1KW (5μs pulse width with 0.5% duty cycle)

CONNECTOR TYPE: N

Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available for other special attenuation value & accuracy.