

Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

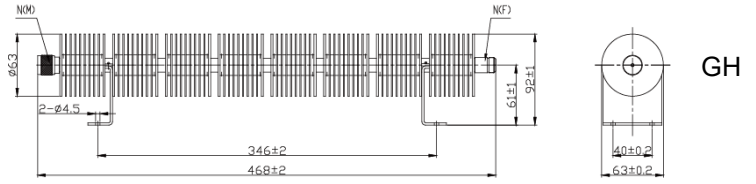
N serial coaxial fixed attenuators' average power 10W-10KW, frequency range DC-40GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.



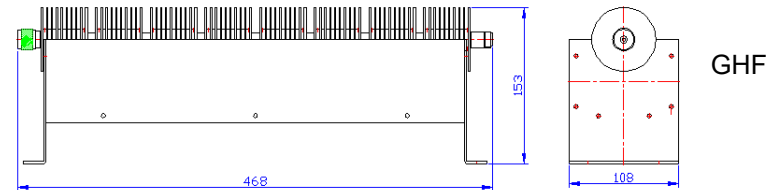
GH



GHF



GH



GHF

MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum, Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	GH:468×63×92mm(with shelf) GHF:468×108×153mm(with fan)
Weight	GH:1.5Kg; GHF:2.85Kg

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)					Max VSWR
		10	20	30	40	50	
SAT27B300XX12GH	DC-12.4	-3.0/+1.5	-3.5/+1.5	-3.0/+2.0	-1.5/+2.0	-1.5/+2.0	1.50
SAT27B300XX18GH	DC-18	±3.0	-3.5/+5.0	-3.0/+3.5	-2.0/+3.0	-2.0/+3.0	1.55

Note: XX refer to attenuation value in dB

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 300W average to 25°C ambient temperature, derated linearly to 30W @ 125°C

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

CONNECTOR TYPE: N

Notes:

★When working time over 5 minutes or surface temperature over 70 °C, one 55W air-cooled fan will be necessary

1. Dimensions Tolerance ±5%