



UNIVERSAL COOPERATE LTD.

Model UCL-SP5GH

Coaxial Fixed Attenuator

5 Watts DC-18GHz



Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)					Max VSWR
		50	60	70	80	90	
UCL-SP5GH-4	DC-4	±0.6	±0.75	±0.8	±1.0	±1.2	1.20
UCL-SP5GH-8	DC-8	±0.75	±0.8	±0.8	±1.0	±1.5	1.25
UCL-SP5GH-12.4	DC-12.4	±0.75	±0.8	±1.0	±1.2	±1.75	1.35
UCL-SP5GH-18	DC-18	±1.5	±1.5	±1.5	±1.75	±2.0	1.40

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.

UCL-SP5GH serial coaxial fixed attenuators' average power 2W-5W, frequency range from DC-18GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 5W average to 25°C ambient

temperature, derated linearly to 0.5W @ 125°C.

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

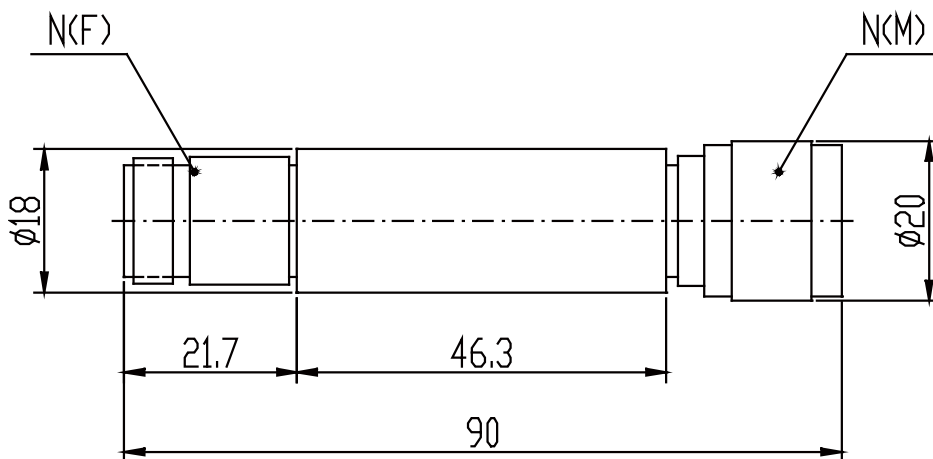
TEMPERATURE RANGE: -55°C ~ +125°C

CONNECTOR TYPE: N, SMA

WEIGHT: 90g

PHYSICAL DIMENSIONS: Φ20×90mm

Outline Drawings



* Dimensions are given in mm and tolerance ±2%.

** VSWR varies according to frequency and attenuation value.

*** VSWR and dimensions refer to connector type N.

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