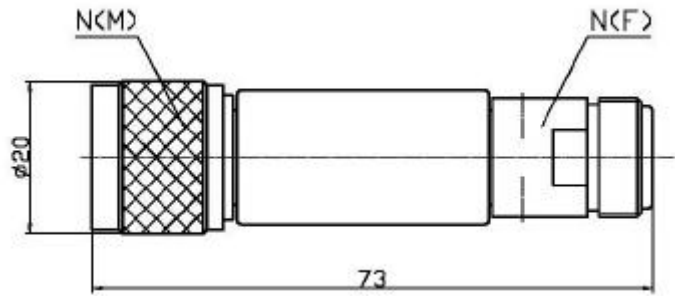


Model UCL-SP5GA DC-18GHz 5 Watts



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-SP5GA serial coaxial fixed attenuators' average power 5W, frequency range from DC-18GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum
Temp Range	-55° C ~ +125° C
Dimensions	Φ20×73mm
Weight	80g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)					Max VSWR
		1-9	10	20	30	40	
UCL-SP5GA-XX-4	DC-4	±0.3	±0.3	±0.3	±0.3	±0.3	1.10
UCL-SP5GA-XX-8	DC-8	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.15
UCL-SP5GA-XX-12.4	DC-12.4	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.20
UCL-SP5GA-XX-18	DC-18	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	-0.3/+0.6	1.30

Note: XX refer to attenuation value in dB

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)

CONNECTOR TYPE: N

Notes:

1. Dimensions Tolerance ±2%
2. Dimensions and specifications refer to connector type N unless otherwise specified.
3. Custom designs available for other special attenuation value & accuracy.