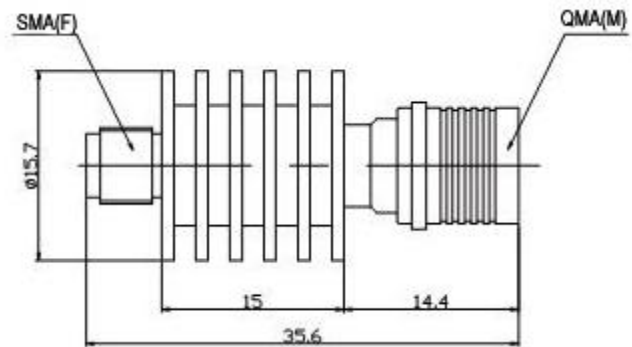


## Model UCL-QSP5 DC-18GHz 5 Watts



UCL-QSP coaxial fixed attenuators absorb RF& microwave power and suitable applications include radio base stations and other radio equipment, especially where high density connector population is required.

UCL-QSP connector, the quick-insertion edition of SMA, has an approximately identical inner structure with the latter. The QMA interface features a snap-lock mechanism that makes it fast and easy to mate and de-mate, the QMA connector can rotate freely in range of 360 degree after linked, which makes the process of assembly more convenient.

### MECHANICAL SPECIFICATIONS

Connectors	Brass Gold Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum, Black Anodize
Temp Range	-55° C ~ +125° C
Dimensions	Φ15.7×35.6mm
Weight	10g

**RoHS Compliant: Yes**

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		1-9	10	20	30	
UCL-QSP5-XX-4	DC-4	±0.5	±0.5	±0.7	±1.0	1.15
UCL-QSP5-XX-8	DC-8	±0.75	±0.5	±0.7	±1.0	1.20
UCL-QSP5-XX-12.4	DC-12.4	±1.0	±0.75	±1.0	±1.2	1.25
UCL-QSP5-XX-18	DC-18	±1.2	±1.2	±1.2	±1.2	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:** Input : QMA , Output : SMA

### Notes:

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