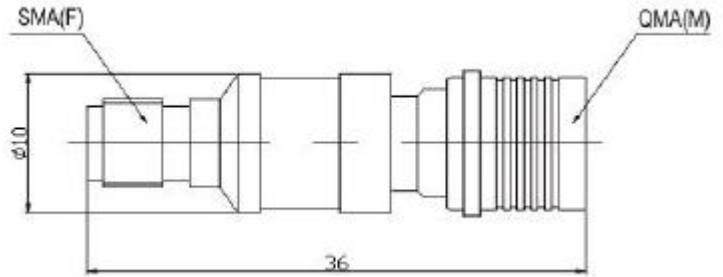


Model UCL-QSP2 DC-18GHz 2 Watts



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	Brass Gold Plated
Temp Range	-55° C ~ +125° C
Dimensions	$\Phi 10 \times 36$ mm
Weight	10g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		1-9	10	20	30	
UCL-QSP2 -XX-4	DC-4	± 0.5	± 0.5	± 0.7	± 1.0	1.15
UCL-QSP2 -XX-8	DC-8	± 0.75	± 0.5	± 0.7	± 1.0	1.20
UCL-QSP2 -XX-12.4	DC-12.4	± 1.0	± 0.75	± 1.0	± 1.2	1.25
UCL-QSP2 -XX-18	DC-18	± 1.2	± 1.2	± 1.2	± 1.2	1.30

Note: XX refer to attenuation value in dB

NOMINAL IMPEDANCE: 50 Ω

AVERAGE POWER: 2W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.

PEAK POWER: 0.5KW (5 μ s pulse width with 0.4% duty cycle)

CONNECTOR TYPE: Input : QMA , Output : SMA

Notes:

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