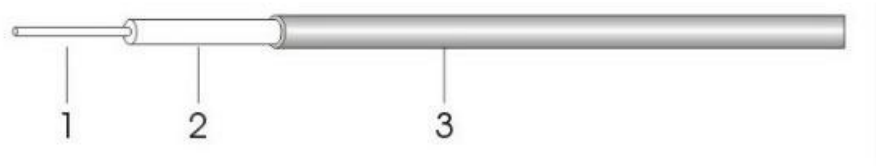


## SMT680-065F/12.5



emi-Rigid Cable; RF Cable

### Construction Specification

Item	Material	Diameter(mm)
1. Inner Conductor	Silver Plated Copper	0.92
2. Dielectric	FEP	1.24
3. Outer Conductor	Copper Tube	1.60

### Electrical Characteristics

Capacitance(pF/m)	390
Impedance(ohm)	12.5
Corona Extinction Voltage(KVRMS@60Hz)	0.5
Voltage Withstanding(KVRMS@60Hz)	0.75
Cutoff frequency(GHz)	60

## Mechanical Characteristics

Min Bending Radius(mm)	6.00
Outer Conductor Integrity Temp.(°C)	175
Operating Temp.(°C)	-55 to +125

## Attenuation & Average Power@ 20°C at Sea Level

Frequency(GHz)	Attenuation(dB/m)	Power(①/②)(CW)
0.5	1.30	98.9
1.0	1.83	69.5
5.0	4.30	29.9
10.0	6.10	20.3
20.0	8.95	13.2