

RoHS
Compliant



Construction Specification:

	Material	Diameter (mm)
Inner Conductor	Silver Plated Copper Clad Steel Silver Plated Copper	0.92
Dielectric	PTFE	2.98
Outer Conductor	Copper Tube	3.58

Electrical Characteristics:

Capacitance (pF/m)	95.1
Impedance (Ω)	50
Corona Extinction Voltage (VRMS@60Hz)	1,900
Voltage Withstanding (VRMS@60Hz)	5,000
Moding Frequency (GHz)	34

Mechanical Characteristics:

Min. Inside Bend Radius (mm)	12.5
Outer Conductor Integrity Temp. ($^{\circ}$ C)	175
Operating Temp. ($^{\circ}$ C)	-55 to +125

Attenuation & Average Power @ 20 $^{\circ}$ C and Sea Level:

Frequency (GHz)	Attenuation (\geq dB/100m)	Power(① / ② / ③) (Watts CW)
0.5	26	600.5
1	38	417.5
5	91	174.4
10	137	117.5
20	209	77.9

Part Number Table

Description	Part Number
Coaxial Cable, RG402, Copper, 50m	PP000663

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