

Datasheet

RS Coaxial Cable, RG402, 3.55mm OD

RS Stock number: 749-6461



Construction Specification

Item	Material	Diameter (mm)
1. Inner conductor	Silver-plated copper clad steel	0.94±0.01
2. Dielectric	PTFE	2.98±0.05
3. Outer Conductor	Tin-plated copper wire braiding	3.55±0.05

Electrical Characteristics	
Items	Data
Capacitance (pF/m)	98pF/m
Impedance (ohm)	50 Ω
Velocity (%)	70 %
Cutoff frequency (GHz)	34GHZ
Time delay (ns/m)	4.7ns/m
Max. operating Voltage (kVrms)	3000V rms/min

Mechanical and Environmental Characteristics	
Items	Data
Min. bending radius static (mm)	10 mm
RoHS	OK
Operating temp. (°C)	-65~150°C
Weight (kg/km)	41 g/m

Attenuation @ 20°C and Sea Level, Power, 20°C		
Frequency (GHz)	Attenuation (dB/m)	Power (Watts CW)
0.5	0.27	790
1	0.41	526
2	0.62	351
3	0.78	277
5	1.05	205
10	1.58	137
18	2.22	97