

Coaxial cable



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Construction Specification		
Item	Material	Diameter (mm)
1. Inner conductor	SCCS	7/0.175
2. Dielectric	PTFE	1.53±0.05
3. Outer Conductor	SPC wire	1.95±0.05
5. Jacket	FEP	2.65±0.05

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Electrical Characteristics	
Items	Data
Capacitance(pF/m)	106pF/m
Impedance(ohm)	50Ω
Velocity (%)	70 %
Cutoff frequency (GHz)	65GHZ
Time delay (ns/m)	4.7ns/m
Max. operating Voltage (kVrms)	2000V rms/min

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Mechanical and Environmental Characteristics	
Items	Data
Min. bending radius static(mm)	15 mm
RoHS	OK
Operating temp.(°C)	-65~150°C
Weight (kg/km)	18g/m

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Attenuation @ 20°C and Sea Level, Power, 20°C;		
Frequency (GHz)/	Attenuation(dB/m)	Power(Watts CW)
0.1	0.29	420
0.4	0.58	210
0.9	0.88	140
1	0.93	135
1.8	1.27	100
2.4	1.46	78
3	1.65	72
5	2.14	61
6	2.34	52