

RG178 Coaxial Cable



PHYSICAL PROPERTIES

Item	Material	Diameter(mm)
1. Conductor	Silver Plating Copper	7/0.10
2. Insulation	PTFE	0.87
3. Braid	Silver Plating Copper	0.27 (16*3/0.10 Single Layer Braiding)
4. Jacket	FEP	1.8

ELECTRICAL PROPERTIES

Impedance(ohm)	50
Test Voltage (KV)	2
Fire Test Voltage (KV)	2
Capacitance (pF/m)	95
Velocity of Propagation (%)	69
Delay Signal (ns/m)	4.86
Min screening effectiveness	> 40dB (1GHz)
Impedance insulation	$\geq 1 \times 10^8 \Omega \cdot m$
Operating Voltage (KV/ms)	1KV/ms
Max. Operating Frequency(GHz)	6
Operating Temperature Rating(°C)	-55~+200

Attenuation

Frequency(MHz)	Attenuation(dB/m)
400	0.951
1000	1.52
3000	2.73