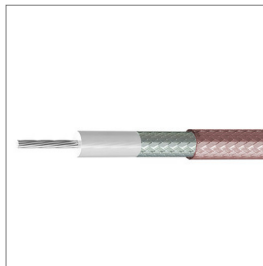


Features

- MIL-C-17
- Insulated Coaxial Cable
- 4 layers

Applications

- Wire Communication
- Telecommunication



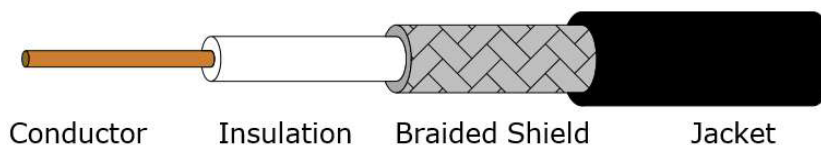
Part Numbering Guide



RG178

Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency	MHz			6000	
Capacitance	pF/m	95	100	105	
Impedance	Ω	48	50	52	
Velocity Ratio	%		70		
Bent Radius	mm		10		
Voltage	VMS			750	
Operating Temperature	$^{\circ}\text{C}$	-40		200	
Attenuation Constant 100MHz	dB/100m		52.6		
Attenuation Constant 200MHz	dB/100m		85.1		
Attenuation Constant 400MHz	dB/100m		118.8		
Attenuation Constant 1000MHz	dB/100m		190.7		
Attenuation Constant 1500MHz	dB/100m		225.2		
Attenuation Constant 2000MHz	dB/100m		270.8		
Attenuation Constant 3000MHz	dB/100m		340.4		
Attenuation Constant 5000MHz	dB/100m		385.7		
Attenuation Constant 6000MHz	dB/100m		423.1		

Structure of Product



Item	Unit	Structure	Tolerance	Material	Color
Inner Connector	mm	7/0.10	± 0.01	Silver Covered Copper	Silver
Insulation	mm	0.86	± 0.05	PTFE	White
Braided Shield	mm	48*0.10	± 0.00	Silver Covered Copper	Silver
Jacket	mm	1.80	± 0.10	FEP	Light Brown