



RG 178 Coaxial Cable

● Physical Structure



Construction

Item	Material	Diameter(mm)
Inner Conductor	Silver Plated Copper cover steel wire	7/ 0.102
Insulation	Copper Clad Steel, Silver Plated	0.30
Insulation	Solid PTFE	0.85
Shield	Tin Plated Copper Wire Braiding	0.86
Shield	Silver Plated Copper Braid	16/3/0.1(8-9)
	Tin Immersion	1.30
Jacket	FEP(Brown)	3.52
		1.83

Performance

Properties	Details
Cutoff Frequency	3 GHz
Characteristics Impedance	50±2.5Ω
Capacitance	95.50pF/m
Min. Bending Radius	44.0mm
Nominal Weight	1.4 Kg/100m
Temp Range	-55° to +200°C

Attenuation & Power

Frequency	Attenuation(db/100m, 5-10% Increment allowance)
100MHz	43.0
300MHz	43.0
1000 MHz	74.9
3000MHz	138.0
	242.0