



Caledonian

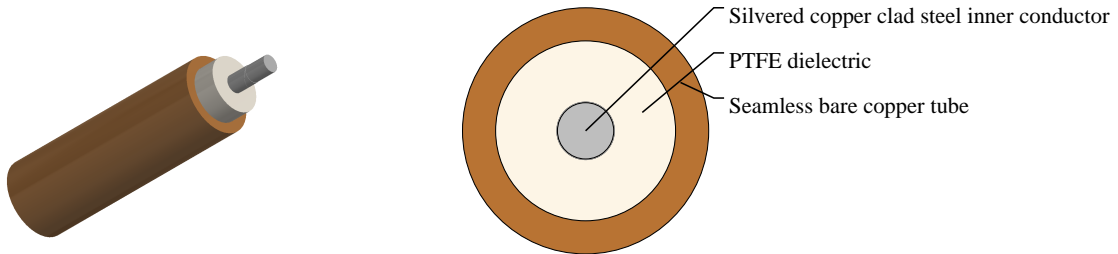
Coaxial Cables

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Semi-rigid Coaxial Cables

SR086 /M17



Construction

Inner conductor	Silver plated copper clad steel(SCCS)	Φ0.51 mm
Dielectric	PTFE	Φ1.67 ± 0.1 mm
Outer conductor(type1)	Seamless bare copper tube	Φ2.20 ± 0.1 mm
Outer conductor(type2)	Seamless copper tube, tin plated(TP)	Φ2.20 ± 0.1 mm
Outer conductor(type3)	Seamless copper tube, Silver plated(SP)	Φ2.20 ± 0.1 mm

Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Operating temperature range	-55°C - +125 °C
Outer conductor integrity temperature	175°C
Min.bending radius	7.63 mm

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
500	45	13.7
1000	64	19.5
5000	151	46
10000	222	67.7
20000	329	100.3