



Caledonian

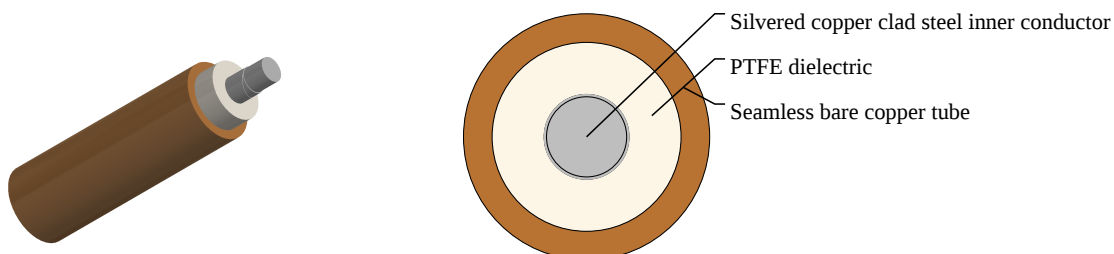
Coaxial Cables

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Semi-rigid Coaxial Cables

SR047/M17



Construction

Inner conductor	Silver plated copper clad steel(SCCS)	$\Phi 0.28$ mm
Dielectric	PTFE	$\Phi 0.92 \pm 0.1$ mm
Outer conductor(type1)	Seamless bare copper tube	$\Phi 1.20 \pm 0.1$ mm
Outer conductor(type2)	Seamless copper tube, tin plated(TP)	$\Phi 1.20 \pm 0.1$ mm
Outer conductor(type3)	Seamless copper tube, Silver plated(SP)	$\Phi 1.20 \pm 0.1$ mm

Electrical Mechanical Characteristics

Impedance	50 ± 3 Ohm
Nominal capacitance	95 pF/m
Operating temperature range	$-55^{\circ}\text{C} - +125^{\circ}\text{C}$
Outer conductor integrity temperature	175°C
Min.bending radius	4.2 mm

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
500	79	24.1
1000	113	34.4
5000	259	78.9
10000	374	114
20000	544	165.8