



Caledonian

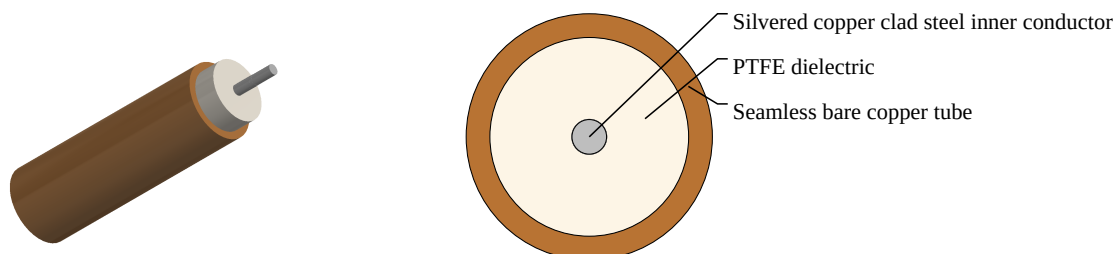
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Semi-rigid Coaxial Cables

SR141-75



Construction

Inner conductor	Silver plated copper clad steel(SCCS)	$\Phi 0.51$ mm
Dielectric	PTFE	$\Phi 2.98 \pm 0.1$ mm
Outer conductor(type1)	Seamless bare copper tube	$\Phi 3.58 \pm 0.1$ mm
Outer conductor(type2)	Seamless copper tube, tin plated(TP)	$\Phi 3.58 \pm 0.1$ mm
Outer conductor(type3)	Seamless copper tube, Silver plated(SP)	$\Phi 3.58 \pm 0.1$ mm

Electrical Mechanical Characteristics

Impedance	75 ± 5 Ohm
Nominal capacitance	68.5 pF/m
Operating temperature range	$-55^{\circ}\text{C} - +125^{\circ}\text{C}$
Outer conductor integrity temperature	175°C
Min.bending radius	12.5 mm

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
500	28	8.5
1000	40	12.2
5000	97	29.6
10000	145	44.2
20000	221	68.667.4