



Caledonian

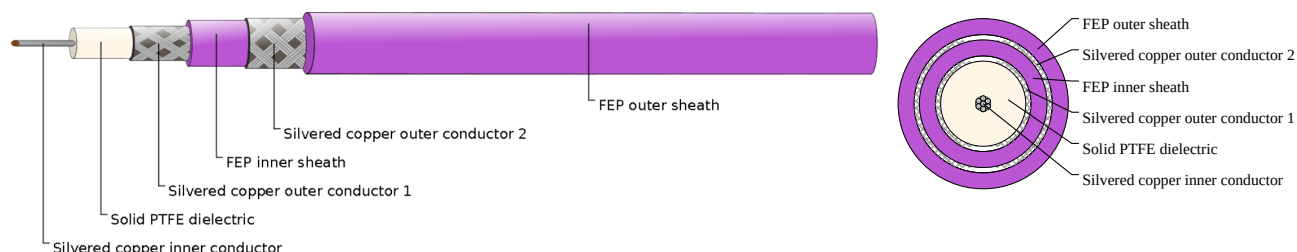
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Triaxial Cables

Tri-RG179



Construction

Inner conductor	Silver plated copper covered steel (SCCS)	7 x 0.10 mm
Dielectric	Solid PTFE	$\Phi 1.60 \pm 0.10$ mm
Outer conductor(shield 1)	Silver plated copper (0.1mm)	$\Phi 2.15 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 2.55 \pm 0.10$ mm
Outer conductor(shield 2)	Silver plated copper (0.1mm)	$\Phi 3.15 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 3.6 \pm 0.10$ mm

Electrical Mechanical Characteristics

Impedance	75 $\pm$ 5 Ohm
Nominal capacitance	63 pF/m
Velocity of propagation	70%
Inner conductor resistance	800.5 Ohm/Km
Outer conductor resistance	27.9 Ohm/Km
Operating temperature range	-55 °C - +200 °C
Operatig Voltage(max)	0.9 KV
Cable weight (approx.)	31 Kg/Km
Screening effectiveness	>60 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
100	28	8.5
200	39	11.9
400	56	17.1
900	85	25.9
1200	98	29.9



Caledonian

Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1500	110	33.5
1800	121	36.9
2000	128	39
2500	144	43.9