



Caledonian

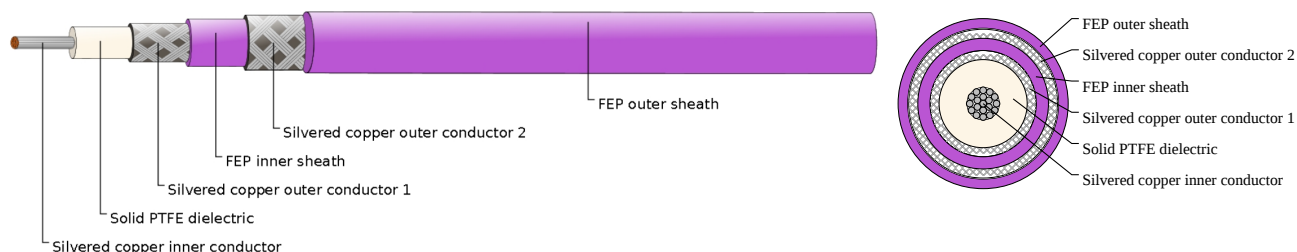
Coaxial Cables

www.caledonian-cables.com

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Triaxial Cables

Tri-RG400



Construction

Inner conductor	Silver plated copper covered steel (SCCS)	19 x 0.20 mm
Dielectric	Solid PTFE	$\Phi 2.95 \pm 0.10$ mm
Outer conductor(shield 1)	Silver plated copper (0.13mm)	$\Phi 3.55 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 4.30 \pm 0.10$ mm
Outer conductor(shield 2)	Silver plated copper (0.13mm)	$\Phi 4.90 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 5.70 \pm 0.10$ mm

Electrical Mechanical Characteristics

Impedance	50 $\pm$ 3 Ohm
Nominal capacitance	94 pF/m
Velocity of propagation	70%
Operating temperature range	-55 °C - +200 °C
Operatig Voltage(max)	1.8 KV
Cable weight (approx.)	78 Kg/Km
Screening effectiveness	>60 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
100	15	4.6
200	22	6.7
400	31	9.4
900	47	14.3
1200	55	16.8
1500	62	18.9
1800	68	20.7



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2000	72	21.9
2500	81	24.7