



Caledonian

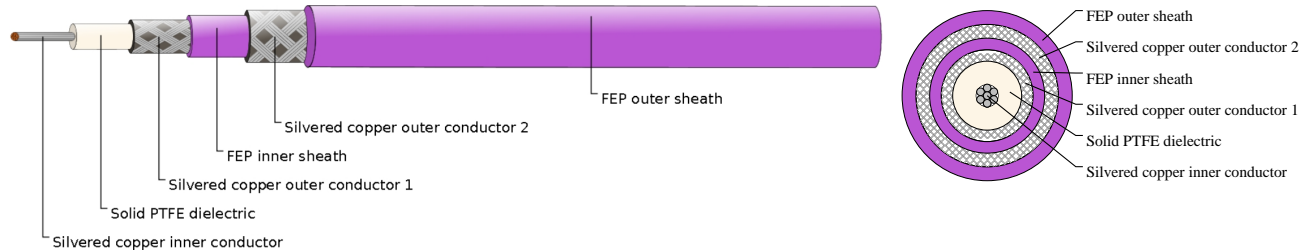
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Triaxial Cables

Tri-RG316



Construction

Inner conductor	Silver plated copper covered steel (SCCS)	7 x 0.17 mm
Dielectric	Solid PTFE	$\Phi 1.52 \pm 0.10$ mm
Outer conductor(shield 1)	Silver plated copper (0.1mm)	$\Phi 2.05 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 2.50 \pm 0.10$ mm
Outer conductor(shield 2)	Silver plated copper (0.1mm)	$\Phi 3.15 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 3.60 \pm 0.10$ mm

Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	94 pF/m
Velocity of propagation	70%
Operating temperature range	-55 °C - +200 °C
Operatig Voltage(max)	1 KV
Cable weight (approx.)	31 Kg/Km
Screening effectiveness	>60 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
100	27	8.2
200	39	11.6
400	54	16.5
900	82	25
1200	95	29
1500	106	32.3
1800	117	35.7



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2000	124	37.8
2500	139	42.4