



Caledonian

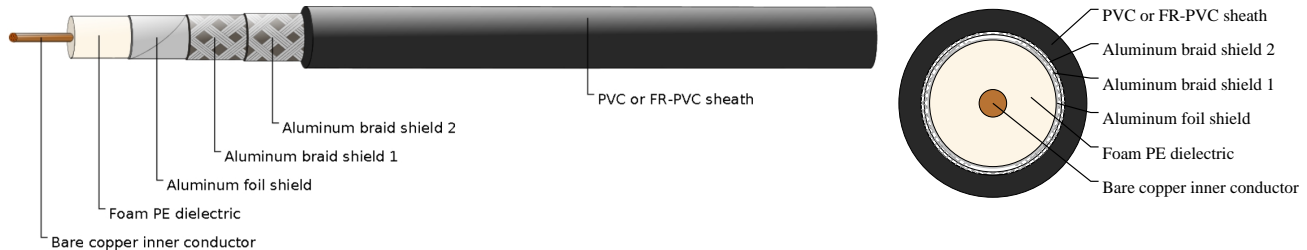
Coaxial Cables

www.caledonian-cables.com

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TV Coaxial Cables

19 VATC



Construction

Inner conductor	Bare copper/Copper clad steel(CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.60 mm
Outer conductor(shield 1)	Aluminum Foil	Φ4.75 mm
Shield coverage	/	100%
Outer conductor(shield)	Aluminum wire braid (Type 1)	64x0.12 mm
Shield coverage	/	45%
Outer conductor (shield 2)	Aluminum wire braid (Type 2)	48x0.12 mm
Shield coverage 2	/	35%
Sheath	PVC/FR-PVC	Φ6.80 mm

Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	50 pF/m
Velocity of propagation	85%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	21.4 Ohm/Km
Rated temperature	70°C
Screening effectiveness	>70 dB (5-1000MHz)

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.6	1.4
100	7.1	2.16
200	9	2.74
400	13	3.96
800	19	5.79



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950	20.9	6.37
1350	25.5	7.77
1750	29.6	9.02
2150	33.4	10.18
3000	40.6	12.38

Return Loss

5-1000 MHz	>22dB
1000-2000 MHz	>20dB