



Caledonian

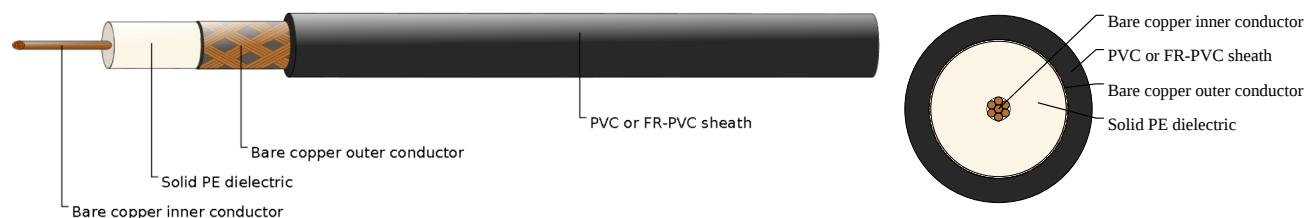
Coaxial Cables

www.caledonian-cables.com

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TV Coaxial Cables

KX 8



Construction

Inner conductor	Bare copper	7 x 0.4 mm
Dielectric	Solid PE	$\Phi 7.25$ mm
Outer conductor shield	Bare copper	192 x 0.10 mm
Shield coverage	/	80%
Outer sheath	PVC/FR-PVC	$\Phi 10.20$ mm

Electrical Mechanical Characteristics

Impedance	75 $\pm$ 5 Ohm
Nominal capacitance	67 pF/m
Velocity of propagation	66%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	22.2 Ohm/Km
Outer conductor resistance	15.5
Operating temperature range	-25°C - 75°C
Screening effectiveness	65dB(100-3000MHz)

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
10	2.9	0.88
50	4.5	1.37
100	6.6	2.01
200	10.9	3.32
400	13.8	4.21
850	23.6	7.2
950	26.8	8.17
1000	27.5	8.38



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Return Loss

5-470 MHz	>25dB
470-3000 MHz	>20dB