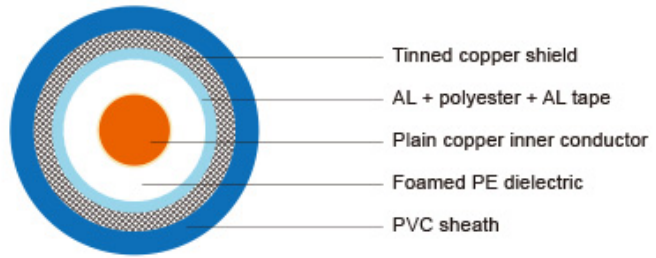


CAL 59



Construction

Inner conductor	Plain copper	0.8 mm
Dielectric	Foam PE	$\Phi 3.65 \pm 0.10$ mm
Outer conductor (shield 1)	Aluminium+polyester+Al tape	
Shield coverage		100%
Outer conductor (shield 2)	Tinned copper	96 x 0.15 mm
Shield coverage		88%
Sheath	PVC	$\Phi 5.90 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	56 pF/m
Velocity of propagation	80%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	35 Ohm/Km
Outer conductor resistance	12.5 Ohm/Km
Operating temperature range	-25 °C - +80 °C
Copper weight	21.8 Kg/Km
Cable weight (approx.)	49.5 Kg/Km
Screening effectiveness	>90 dB

Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
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230	12.5	3.81
470	18.2	5.55
860	25.5	7.77
1000	27.9	8.51
1350	32.6	9.94
1500	34.9	10.64
1750	37.6	11.46
2150	42.3	12.9
2400	45.4	13.84

Return Loss

30-300 MHz	>32dB
300-600 MHz	>30dB
600-900 MHz	>26 dB