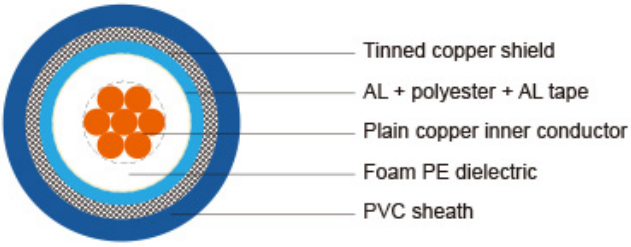
CAL 70



Construction

Inner conductor	Plain copper	7 x 0.40 mm
Dielectric	Foam PE	Φ4.95 ± 0.10 mm
Outer conductor (shield 1)	Aluminium + polyester + Aluminium tape	
Shield coverage		100%
Outer conductor (shield 2)	Tinned copper	96 x 0.15 mm
Shield coverage		71%
Sheath	Blue PVC	Φ7.00 ± 0.10 mm

Electrical & Mechanical Characteristics

Nominal capacitance	53 pF/m
Velocity of propagation	84%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	20.5 Ohm/Km
Outer conductor resistance	13.5 Ohm/Km
Operating temperature range	-25 °C - +80 °C
Copper weight	24.6 Kg/Km
Cable weight (approx.)	56.25 Kg/Km
Screening effectiveness	>85 dB

Attenuation

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	4.4	1.34
230	9.5	2.9

470	13.7	4.18
860	19.2	5.85
1000	21	6.4
1350	24.7	7.53
1500	26.6	8.11
1750	28.7	8.75
2150	32.4	9.88
2400	34.7	10.58

Return Loss

30-300 MHz	>30dB
300-600 MHz	>26dB
600-900 MHz	>22 dB