



**Caledonian**

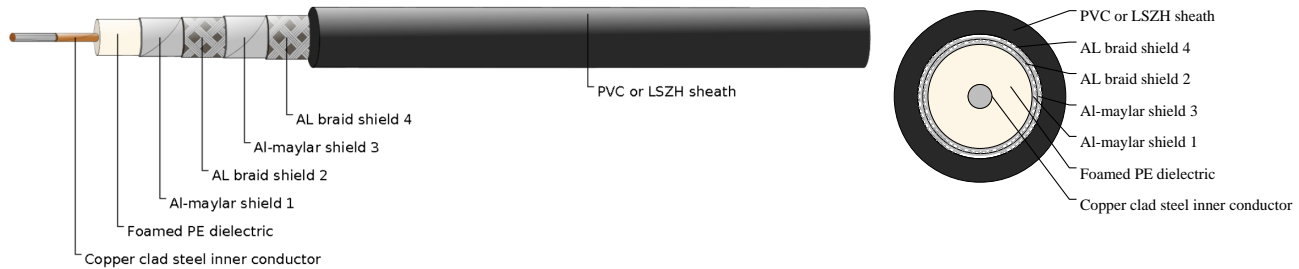
Coaxial Cables

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## M17/RG Coaxial-Cable RG Type 75Ohm

### RG 6 Quad Shield



### Construction

Inner conductor	Copper clad steel(CCS)	Φ1.02 mm
Dielectric	Foam PE	Φ4.6 ± 0.20 mm
Tape shield(shield 1)	Al-maylar	≥25%
Braid shield(shield 2)	Aluminium	80 x 0.12 mm
Shield coverage	/	≥60%
Tape shield(shield 3)	Al-maylar	≥25%
Braid shieldr(shield 4)	Aluminium	64 x 0.12 mm
Shield coverage	/	≥40%
Sheath	PVC or LSZH	Φ7.55 ± 0.20 mm

### Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	54 pF/m
Velocity of propagation	82%
Insulation resistance	>5000 Mohm.Km
Conductor resistance	< 24.1 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Cable weight (approx.)	59.8 Kg/Km

### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.8	1.5
100	6.7	2
200	9.3	2.8
500	15	4.6



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600	16.9	5.1
800	19.4	5.9
1000	21.6	6.6
1350	24.2	7.4
1750	28	8.4
2150	31.5	9.6
2400	32.8	10
3000	37.9	11.5