



# Caledonian

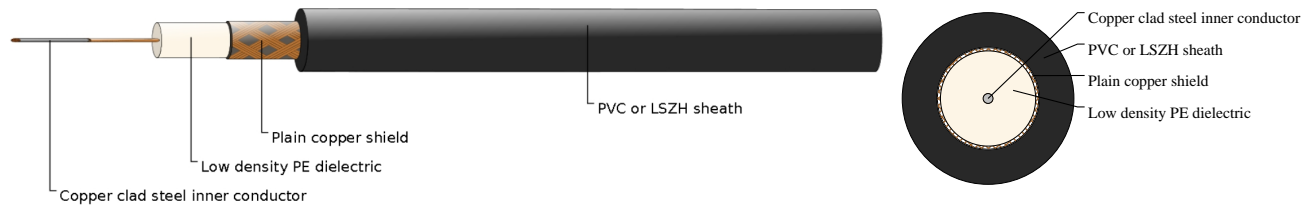
Coaxial Cables

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## M17/RG Coaxial-Cable MIL-C-17F 75Ohm

RG 59 PK



### Construction

Inner conductor	Copper clad steel(CCS)	0.58 mm
Dielectric	Low density PE	$\Phi 3.70 \pm 0.10$ mm
Outer conductor(shield)	Plain copper	120 x 0.10 mm
Shield coverage	/	77%
Outer sheath	PVC or LSZH	$\Phi 6.15 \pm 0.10$ mm

### Electrical Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	67 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	16.6 Ohm/Km
Outer conductor resistance	4.5 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	58.3 Kg/Km
Cable weight (approx.)	146.7 Kg/Km
Screening effectiveness	>55 dB

### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	3.8	1.16
100	5.5	1.68
200	8.2	2.5
400	12	3.66
500	13.6	4.15
600	15	4.57
860	18.8	5.73



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1000	20.7	6.31
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### Return Loss

30-300 MHz	>31dB
300-600 MHz	>28dB
600-900 MHz	>24dB