



Caledonian

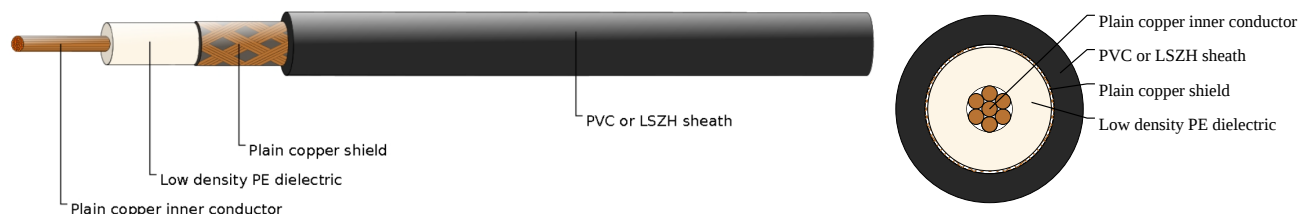
Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

M17/RG Coaxial-Cable RG Type 50Ohm

RG 213 BX



Construction

Inner conductor	Plain copper	7 x 0.75 mm
Dielectric	Low density PE	$\Phi 6.50 \pm 0.15$ mm
Outer conductor(shield)	Plain copper	168 x 0.15 mm
Shield coverage	/	91%
Outer sheath	PVC or LSZH	$\Phi 9.50 \pm 0.18$ mm

Electrical Mechanical Characteristics

Impedance	50 $\pm$ 3 Ohm
Nominal capacitance	100 pF/m
Velocity of propagation	66%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	6 Ohm/Km
Outer conductor resistance	7 Ohm/Km
Operating temperature range	-30 °C - +70 °C
Copper weight	59.6 Kg/Km
Cable weight (approx.)	135.1 Kg/Km
Screening effectiveness	>55 dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	4.8	1.46
100	7.2	2.2
200	10.5	3.2
400	15.4	4.7
500	17.6	5.37
600	19.5	5.95
860	24.2	7.38



Caledonian

Coaxial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1000	26.5	8.08
------	------	------

Return Loss

30-300 MHz	>27dB
300-600 MHz	>24dB
600-900 MHz	>23dB