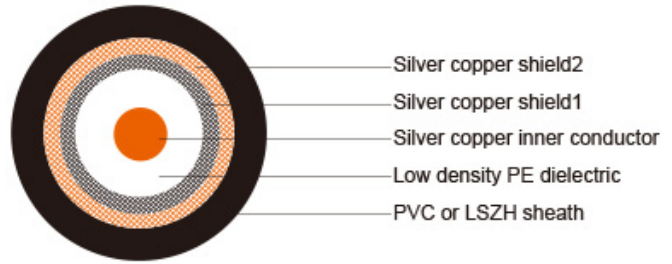


M17/84-RG 223 (RG 223/U)



Construction

Inner conductor	Silver plated copper	$\Phi 0.90 \pm 0.025$ mm
Dielectric	Low density PE	$\Phi 2.95 \pm 0.10$ mm
Outer conductor(shield 1)	Silver plated copper	112 x 0.13 mm
Shield coverage		98%
Outer conductor(shield 2)	Silver plated copper	112 x 0.13 mm
Shield coverage		97%
Sheath	PVC or LSZH	$\Phi 5.40 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	53±3 Ohm0	
Nominal capacitance	100pF/m	
Velocity of propagation	66%	
Insulation resistance	>2000 Mohm.Km	
Inner conductor resistance	28 Ohm/Km	
Outer conductor resistance	8.0 Ohm/Km	
Operating temperature range	-30 °C - +70 °C	
Test/Operatig Voltage(max)	5.0KV/2.0KV	
Copper Weight	38.5 Kg/Km	
Cable weight (approx.)	59.9 Kg/Km	
Screening effectiveness	100-900 MHz	>70dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	9	2.74
100	13	3.96
200	19.3	5.88
400	28.1	8.57
500	31.9	9.73
600	35.3	10.76
860	43.8	13.35
1000	48.5	14.79
3000	83.2	25.37
5000	109.9	33.51
11000	177.5	54.12

Return Loss

30-300 MHz	>32dB
300-600 MHz	>28dB
600-900 MHz	>23dB