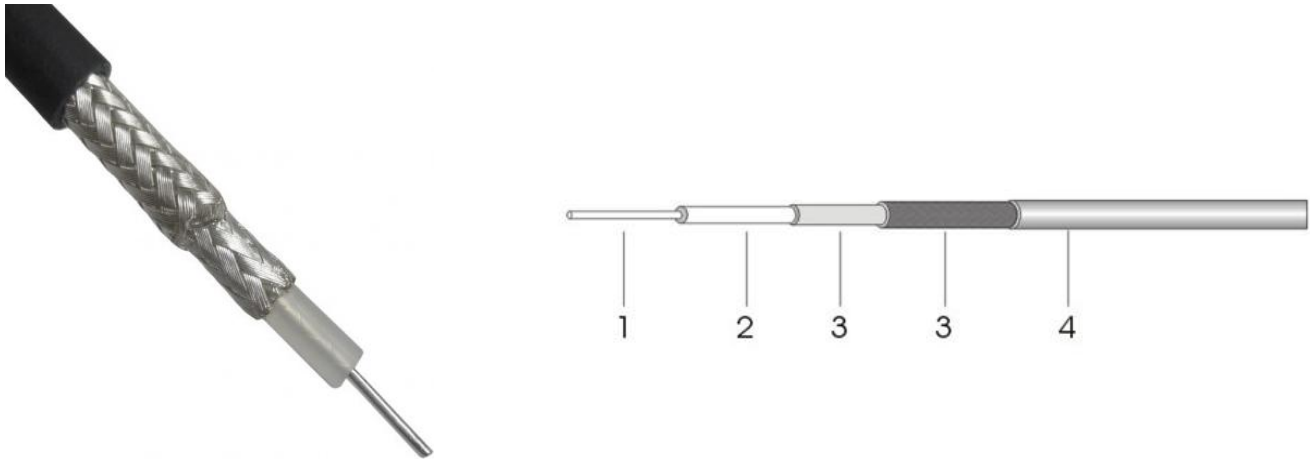


RG223 low loss coaxial cable has double shielding layers to provide better shielding and lower signal loss than RG58 and RG174.

RG223 cable is popular transmission cable for infrastructure of cellular Mobile, also used in application for GPS, LAN, WAN...etc.



Mechanical Construction

Property	Material	Diameter(mm)
1. Inner conductor	Silver-coated copper wire	φ 0.90
2. Dielectric	Solid PE	φ 2.95
3. Outer conductor	Double layers of silver-coated copper wire braid 96*0.12 / 112*0.12 (density ≥ 90%)	φ 3.95
4. Jacket	PVC Black	φ 5.30

Electrical Properties

Property	Value
Characteristics Impedance	50 Ω
Rated capacitance	101 pf/m
Velocity	66.00%
Max operating voltage	1.4 KVrms
Operating frequency	0-12400MHz

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)	Attenuation(20°C, dB/1000ft)
100	13.12	4.00
400	26.90	8.20
1000	43.96	13.40
3000	81.36	24.80
5000	109.91	33.50
11000	177.48	54.10

Electrical Properties

Property	Value
Minimum bending radius	25mm
Operating temperature	-25 ~ +70°C
Regular packing length	100m
ROHS	Compliant