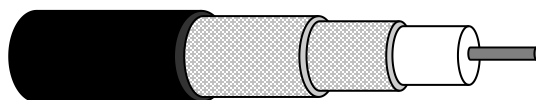


PRODUCT SPECIFICATION

Solid PE Insulated Coaxial Cable

RG223

PRODUCT DESCRIPTION



- Video, audio or digital transmission line.
- Fixed or mobile wireless radio frequency communication.

CONSTRUCTION

Inner conductor	Silver-coated copper wire	Φ 0.90mm
Insulation	Solid PE	Φ 2.95mm
1st Outer conductor	Silver-coated copper wire braid Coverage: ≥90%	
2nd Outer conductor	Silver-coated copper wire braid Coverage: ≥90%	
Jacket	PVC, PE or flame retardant PVC, PE	Φ 5.38mm

MECHANICAL PROPERTIES

Cable length	m	305
Min. bending radius	mm	54

ELECTRICAL PROPERTIES

Impedance	Ω	50±2
Capacitance	pF/m	101
Propagation velocity	%	66
Max. operating voltage	kV	1.90
Max. operating frequency	GHz	11.00

ATTENUATION

Frequency MHz	Typical Attenuation	
	@20 °C, dB/100m	@20 °C, dB/100ft
10	3.94	1.20
30	6.89	2.10
50	9.19	2.80
100	13.12	4.00
400	26.90	8.20
1000	42.64	13.00
1500	55.76	17.00
2000	65.60	20.00
2500	72.16	22.00
3000	82.00	25.00

STANDARDS

Compliant