

Coaxial Cable RG 214



Sr. No.	Parameter	Description	Unit	Specified Value
1	Conductor (Class 2)	Material	-----	SPC
		Diameter	mm	0.750+/-0.02
		No. of strands	Nos.	07
		Maximum Conductor resistance (20 °C)	Ω /km	6.0
		Elongation	%	25 (min)
2	Insulation	Material	-----	Polythelene
		Thickness	mm	2.50 (nom)
		Diameter	mm	7.24 +/-0.18
		Colour		Natural
		No of Core		01
3	Braiding-1	Material	-----	SPC
		Coverage	%(Nom)	95
4	Braiding-2	Material	-----	SPC
		Coverage	%(Nom)	95
5	Wrapping	Material	-----	Polyester Tape
		Thickness	mm	0.025
		Overlap	%	20 (nom)
6	Outer Sheathing	Material	-----	PVC ST-1
		Diameter	mm	10.80+/-0.25
		Colour	-----	Black
7	Electrical Requirement	Conductor resistance (20 °C)	Ω /km	6.0 (max)
		Impedance	Ω (nom)	50+/-2
		Voltage withstanding	kV rms	10+10%
		Spark Test	kV rms	5 +10%
		Velocity Propagation	%	65.9 (nom)
		Adhesion to core	kg	4.08 (min), 40.8 (max)
		Capacitance	Pf/mtr	105.6 (max)
		Attenuation (max) at 50 mHz	dB/100 mtr	4.68
		At 100 MHz		7.55
		At 400 MHz		15.75
		At 1000 MHz		29.53
		Structural Return Loss	dB/100 mtr	
		At 100 MHz		28.50
		At 400 MHz		27.00
		At 1000 MHz		23.50
8	Bending Radius			6 x Overall diameter
9	Packing Length			As per Customer Requirement
10	Printing Matter	RG-214 SPC CO-AXIAL 50OHMS CABLE.... MTR		

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