

Co-Axial



- Home
- About Us
- Construction Cables
- Industrial Cables
- Fire Cables
- Mining Cables
- Automotive & Marine Cables
- Data & Instrumentation
- Communication Cables
- Speciality Cables
- Contact Us



[Home](#) » [Communication Cables](#) » Co-Axial

Co-axial Cables

Application:	Transmission equipment for radio television closed circuit and communication system, radar data system and for high Frequency signal Transmission.
Conductor:	Bare Copper wire(BC) Tinned Copper wire (TC) Copper Clad Steel (CCS)
Dielectric:	Solid polyethylene (SPE) Foam polyethylene (FPE)
Shield:	Bare Copper Wire braid (BCWB) Tinned Copper Wire braid (TCWB) Aluminum wire braid and Al/PET tape (AWBT) Copper wire braid and Al/PET tape (CWBTT)
Sheath:	PVC V75; Black or White Colour
Voltage:	ELV
Resistance:	50 Ohm or 75 Ohm
Standard:	Generally to US Mil-C 17
Pack Length:	100m, 500m



Typical Features

Electra Cables Part No.	Impedance Ohm	Conductor		Dielectric	Shield		Nom. O/D. mm
		No./Dia	Material		Material	Coverage	
RG213/U	50±2	7/0.75	BC	SPE	BCWB	80%	10.3
RG58/U	50±2	1/0.81	BC	SPE	TCWB	90%	5
RG58C/U	50±2	19/0.18	TC	SPE	TCWB	90%	5
RG59	75±3	1/0.58	CCS	SPE	BCWB	95%	6.2
RG59B/U	75±3	1/0.58	BC	SPE	BCWB	95%	6.2
RG11/U	75±3	7/0.40	TC	SPE	BCWB	80%	10.1
RG6U	75±3	1/1.02	BC	FPE	CWBTT	40%	6.9
RG6T	75±3	1/1.02	CCS	FPE	AWBT	60%	7.2
RG6Q	75±3	1/1.02	CCS	FPE	AWBT	80%	7.8
RG11 A/U-Q	75±3	1.1.63	CCS	FPE	AWBT	80%	10.9
RG59/COMP	75±3	1/0.58	BC	SPE	BCWB	96%	10.5

Some Performance Characteristics:

Electra Cables Part No.	Impedance Ohm	VOP %	Attenuation Max. (dB/100m)			Return Loss Min. (dB/100m)		Capacitance pF/m
			< 30 MHz	< 300 MHz	> 300 MHz	< 300 MHz	> 300 MHz	
RG213/U	50±2	65%	5.2	10.5	29.2	15	15	101
RG58/U	50±2	65%	10.8	23.9	70.5	15	15	101
RG58C/U	50±2	65%	10.8	23.9	70.5	15	15	101
RG59	75±3	65%	7.06	19	102.8	15	15	52±3
RG59B/U	75±3	65%	7.06	19	102.8	15	15	52±3
RG11/U	75±3	85%	2.3	6.9	26.8	20	20	54±3
RG6U	75±3	85%	10.2	22.3	55.8	20	20	54±3
RG6T	75±3	85%	10.2	22.3	55.8	20	20	54±3
RG6Q	75±3	85%	10.2	22.3	55.8	20	20	54±3
RG11 A/U-Q	75±3	85%	2.3	6.9	26.8	20	20	54±3
RG59/COMP	75±3	65%	7.06	19	102.8	15	15	52±3

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