

Coaxial Cables

Item	Inner Conductor	No. /mm	Dielectric Nom. Dia. (mm)	Shield Coverage	Sheath Nominal Overall Dia. (mm)	Approx. Weight (kg/km)	Imp. (ohm)	Cap. (pF/m)	Vel. (%)	Attenuation MHz dB/100M						
										50	100	200	400	700	900	
RG6/U	Bare Copper Covered Steel	1/0.95	Foam PE 4.6	Al/Polyester Tape 100% + Tinned Cu Braid 60%	PVC/LSHF 6.9	41	75	57	78	5.2	7.0	9.9	14.5	19.8	22.8	
RG6 3.0 GHZ	Bare Copper	1/1.02	Skin Foam PE 4.57	Al/Polyester Tape 100% + Al Wire Braid 60%	PVC 6.7	43	75	53.1	82	5.25	10.01	17.52	22.92	30.00	42.02	
RG6/U QUAD	Bare Copper Covered Steel	1/1.02	Foam PE 4.6	Al/Polyester Tape 100% + Al Wire Braid 60% + Al/Polyester Tape 100% + Al Wire Braid 40%	PVC/LSHF 7.3	61	75	55	80	5.2	6.9	10.1	14.2	18.7	22.3	
RG6 TWIN	Copper Clad Steel	1/1.02	Skin Foam PE 4.57	Al/Polyester Tape 100% + Al Wire Braid 60%	PVC 12.8	93	75	53.1	82	5.2	6.75	10.12	14.41	19.2	22.1	
RG6 QUAD TWIN	Bare Copper	1/1.02	Skin Foam PE 4.57	Al/Polyester Tape 100% + Al Wire Braid 60% + Al/Polyester Tape 100% + Al Wire Braid 40%	PVC 14.9	95	75	53.1	82	5.2	6.75	10.12	14.41	19.2	22.1	
RG 11	Tinned Copper	7/0.14	PE 7.25	Bare Copper Braid 95%	PVC/LSHF 10.3	140	75	67	66	4.6	7	10	14	19.4	24	
RG 11 Type	Bare Copper	1/1.63	PE 7.25	Bare Copper Braid 95%	PVC/LSHF 10.3	125	75	56	78	3.3	5	7	9	13	14.6	
RG 59 B/U	Copper Covered Steel	1/0.58	PE 3.70	Bare Copper Braid 95%	PVC/LSHF 6.15	56	75	67	66	8	12	18	24	36.5	39.5	
RG59 3.0 GHZ	Bare Copper	1/0.82	Foam PE 3.66	Al/Polyester Tape 100% + Tinned Copper Wire Braid 95%	PVC 5.8	51.5	75	53.1	82	8.7	16.75	23.90	27.50	33.80	42.70	
RG59 Siamese	Bare Copper + Stranded Bare Copper	1/0.81 + 16/0.25	Skin Foam PE 3.66/PVC 2.77	Bare Copper Braid 95%	PVC 13.5	105	75	53.1	82	4.85	8.53	12.5	17.63	23.2	30.1	
RG 59 C/U	Tinned Copper	19/0.18	PE 2.95	Tinned Copper Braid 95%	PVC/LSHF 4.95	38	50	100	66	11	16	23	33	56	66	
2xRG 59 B/U	Bare Copper Covered Steel	1/0.58	PE 3.70	Copper Braid 90%	PVC/LSHF 6.10	101	75	67	66	7.5	12	17	28	38	45	
RG 179	Silver Plated Copper	7/0.1	PTFE 1.65	Silver Plated Copper 95%	FEP 2.54	16	75	64	66	28	33	41	53	65	74	
RG 62 A/U	Bare Copper Covered Steel	1/0.64	PE 7.05	Bare Copper Braid 95%	PVC/LSHF 6.15	50	93	44	83	6.2	9	12.8	17.5	24	27	
RG 174	Bare Copper Covered Steel	7/0.16	PE 1.52	Tinned Copper Braid 88%	PVC/LSHF 2.5	11	50	100	66	17	27	40	56	78	88	
RG 213/U	Bare Copper	7/0.75	PE 7.25	Copper Braid 96%	PVC/LSHF 10.3	153	50	100	66	4.3	7	9	14	21.3	24.9	
RG 178	Silver Plated Copper	7/0.1	PTFE 0.9	Silver Plated Copper Braid 96%	FEP 1.8	9	50	96	66	35	46	62	92	120	130	
RG 58/U	Bare Copper	1/0.8	PE 2.95	Copper Braid 75%	PVC/LSHF 4.95	34	50	100	66	11.0	16.0	23.4	34.4	51.3	58.6	

Imp. = Impedance Cap. = Capacitance Vel. = Velocity of Propagation

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Item	Inner Conductor	No. /mm	Dielectric Nom. Dia. (mm)	Shield Coverage	Sheath Nominal Overall Dia. (mm)	Approx. Weight (kg/km)	Imp. (ohm)	Cap. (pF/m)	Vel. (%)	Attenuation MHz dB/100M						
										50	100	200	400	600	800	1000
URM 67	Bare Copper	0.77/7	Solid PE 7.25	Bare Copper Braid 87%	PVC/LSHF 10.30	225	50	100	66.6	4.1	9.8	15.6	20	22.8	28	
URM 70	Bare Copper	0.19/7	Solid PE 3.20	Bare Copper Braid 81%	PVC/LSF/LSOH 5.8	96	75	67	66.7	13.8	25.5	33.0	41.5	47.8	50.1	
CT 100 R	Bare Copper	1/1.0	Cellular PE 4.6	Cu/Polyester Tape 100% + Bare Copper Braid 56%	PVC/LSHF 6.80	40	75	55	80	4.6	6.9	8.4	12.2	17.9	18.8	22.5
CT 125 R	Bare Copper	1/1.25	Cellular PE 5.6	Cu/Polyester Tape 100% + Bare Copper Braid 54%	PE/LSHF 7.8	85	75	58	80	3.4	5.2	7.0	11.1	13.0	15.8	17.4
RG188	Silver Plated Copper/Silver Plated Copper Clad Steel	7/0.17	PTFE 1.52	Silver Plated Copper Braid 90%	PTFE 2.67	20	50	96.45	70	15.8	27.4	36.1	54.9	70.2	77.5	87.9
RG316	Silver Plated Copper/Silver Plated Copper Clad Steel	7/0.17	PTFE 1.52	Silver Plated Copper Braid 90%	FEP 2.49	18	50	96.5	69.5	14.6	26.2	35.8	53.1	69.9	75.4	85.6
RG500	Bare Copper/CCS/CCA	1/2.77	Foam PE 11.5	Al/Polyester Tape 100% + Al Braid 60%/80%/90%	PVC/LSF/LSHF 15.0	98	75	49	66	2.4	4.5	6.2	8.4	12.1	13.8	14.9

Imp. = Impedance Cap. = Capacitance Vel. = Velocity of Propagation

ORDERING CODE CCA-B-CD-EFGH-IJ

A - Cable Series

FCX = FIRECOAX

B - Standard

RG6 = RG 6 equivalent; FRRG6 = Fire Resistant RG 6 equivalent

C - Screen Type

BC = Bare Copper Braided; TC = Tinned Copper Braid; AL = Aluminium/Polyester Tape

D - Screen Level

60 = 60%; 80 = 80%

E - Bedding

Y = PVC; 2Y = PE; H = LSHF

F - Armouring

SWA = Steel Wire Armouring; STA = Steel Tape Armouring; SWB = Steel Wire Braiding; DSTA = Double Steel Tape Armouring

G - Sheathing

Y = PVC; Yu = Flame Retardant PVC; Yv = PVC with reinforced sheath; 2Y = PE; H = LSHF;

H - Conductor Construction

7/0.14 = 7/0.14mm

I - Fire Propagation Level (Option)

1 = IEC 60332-1; 3C = IEC 60332-3C; 3A = IEC 60332-3A

J - Fire Resistant Level (Option)

331 = IEC 60331; 6387CWZ = BS 6387 CWZ

For Example

CCFCX-RG6-AL100/TC61-H(SWA)H-(1/0.95)-3A

FIRECOAX Series, RG6, 100% Aluminium/Polyester tape + 61% Tinned Copper Braid, LSHF Bedding, Steel Wire Armoured, LSHF Sheathed, 1/0.95mm, fire propagation to IEC 60332-3A

