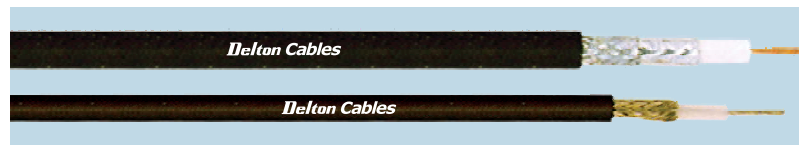


RADIO FREQUENCY CO-AXIAL CABLES



RG Series	UR Series
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BS-2316

MIL-C-17 F

IEC

JSS

JIS

Application : Used for High Frequency Equipments and Systems for Transmission and Reception.

CONSTRUCTION

Conductor	Solid/Stranded, Plain/Tinned copper/Silver Plated Copper/ Copper covered Steel wires.
Insulation	Solid/Foam Polyethylene/ E.T.F.E / P.T.F.E / F.E.P
Screening	As per particular cable type - Plain/Tinned/Silver Plated copper wire braiding - Aluminium/Bonded Polyester with Aluminium/Aluminium wire braiding
Jacket	Specially formulated PVC/FR or FRLS PVC/FEP/PTFE/ETFE as per specification & customer requirement

CO-AXIAL CABLES – 50 OHMS

UR M TYPE	MIL-C-17 F& RG SERIES	IEC	JIS	JSS WRA / WRC	SHIELDING BRAID	OVERALL DIA. MM	MAX. R.F VOLTAGE KV PEAK	NOM. ATTENUATION DB/100 M	NOM. CAPACITANCE pF/M
43	-	50-3-4	-	-	PC	5.0	2.6	19	100
67	213/U	50-7-2	8D-2V	05	PC	10.3	6.5	9	97
74	218/U	50-17-2	-	10	PC	22.1	15.0	5	97
76	58C/U	50-3-1	3D-2V	02	PC	5.0	2.6	22	100
116	174/U	-	1.5D-2V	01	PC	2.8	1.2	43	97
91	-	50-7-3	-	-	2 x PC	11.0	6.5	10	100
112	214/U	50-7-6	8D-2W	06	2 x PC	10.8	6.5	11	97
115	-	-	-	-	PC + PC	7.2	2.6	19	100

CO-AXIAL CABLES – 75 OHMS

57	11 A/U	75-7-5	7C-2V	15	PC	10.3	5.0	11	67
65	-	75-7-4	-	-	PC	10.3	5.0	9	67
70	-	-	-	-	PC	5.8	1.8	22	67
77	164/U	75-17-2	-	-	PC	22.0	12.5	5	67
90	59B/U	75-4-4	3C-2V	12	PC	6.0	2.6	16	69
117	-	-	-	-	PC	6.0	2.6	20	67
60	216/U	75-7-3	7C-2W	17	2 x SC	11.0	5.0	11	67

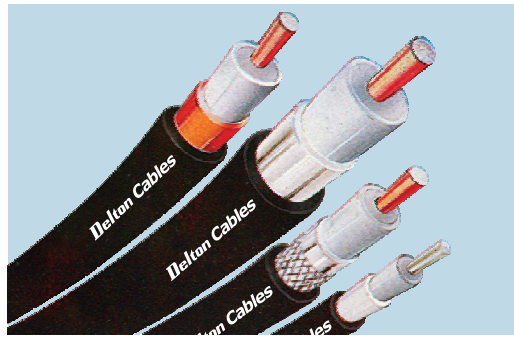
CO-AXIAL CABLES – 95, 125 OHMS

96	62 A/U	-	-	36	PC	6.1	0.55	12	44
125	-	-	-	-	PC	10.3	0.7	9	33
109	316 U / 188/U	50-2-2	-	46	ASPC	2.45	1.0	47	100
110	178B/U / 196/U	50-1-1	-	45	ASPC	1.80	0.5	69	100
111	111	75-2-1	-	55	ASPC	2.45	1.0	49	70

NOTE:-

- PC-Plain Copper, PC+PC-Two braids of Plain copper with PVC inner sheath. 2 x SC - Two Braids Silver Plated Copper
- The given picture of the product may differ to its actual in construction/colour.

BRANCH & DROP CABLE



Application : Used for High Frequency Network Communication System

RG Series	UR Series	CATV Network
Micro Wave Transmission	Radar Equipment	TV & Audio System

CONSTRUCTION

Conductor	Solid Plain Copper/Copper Covered Steel Wires.
Insulation	Foam Polyethylene
Screening	As per particular cable type <ul style="list-style-type: none"> - Plain/Tinned copper wire braiding - Aluminium/Bonded Polyester with Aluminium - Aluminium wire braiding
Jacket	Specially formulated PVC/FR or FRLS PVC as per specification & customer requirement.

DIMENSION & ELECTRICAL PARAMETERS	RG-11(F)	RG-6(F)	RG-59(F)
Inner conductor Material & Cond. Dia. MM.	CCS/ABC 1.63	CCS/ABC 1.02	CCS/ABC 0.81
Maximum Resistance at 20 Deg. C (Ohm/Km)	40/8	110/22	163/35
Nominal Capacitance (pF/m)	53	53	53
Nominal Impedance (Ohms)	75	75	75
Nominal Wave Velocity (%)	85	85	85
Max. Attenuation at 25 Deg. C (dB/100 m)			
5 MHz	1.25	1.90	2.82
55MHz	3.15	5.25	6.73
211 MHz	6.23	10.00	12.47
250 MHz	6.72	10.82	13.45
350 MHz	7.94	12.63	15.75
400 MHz	8.53	13.61	16.73
450 MHz	9.02	14.43	17.72
500 MHz	9.51	15.09	18.70
550 MHz	9.97	16.08	19.52
600 MHz	10.43	16.73	20.34
750 MHz	11.97	18.54	22.87
865 MHz	13.05	20.01	24.67
1000MHz	14.27	21.49	26.64
Structural Return Loss (dB/100 m)			
30 - 300 MHz	20	20	20
300 - 550 MHz	18	18	18

NOTE:-

☒ The given picture of the product may differ to its actual in construction/colour.