



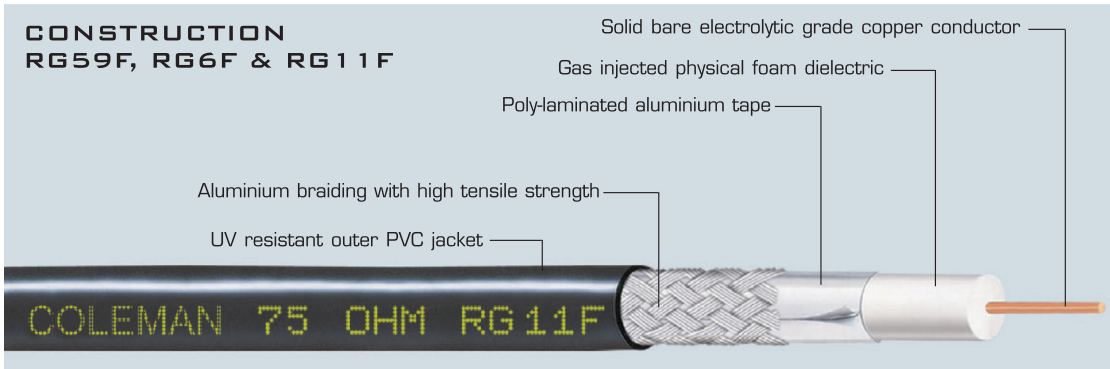
Coleman Wires & Cables

COMMUNICATION **CABLE**

Contents

CAT 5/CAT 6 Cables	98
Coaxial Cable	99

Co-Axial Cables



PARAMETERS	DROP RG 59 F	DROP RG 6 F	BRANCH RG 11 F
A. CONSTRUCTION			
1 Inner Conductor	Solid Bare Copper	Solid Bare Copper	Solid Bare Copper
2 Nominal Diameter (mm)	0.80	1.02	1.63
3 Dielectric	Foam PE	Foam PE	Foam PE
4 Nominal Diameter (mm)	3.55	4.57	7.11
Outer Conductor			
5 First	Bonded Al Tape	Bonded Al Tape	Bonded Al Tape
6 Second	Al Braid	Al Braid	Al Braid
7 Nominal Coverage (%)	60	60	60
8 Jacket	PVC (Black)	PVC (Black)	PVC (Black)
9 Nominal Diameter (mm)	6.20	7.0	10.0
10 Bending radius, Minimum (mm)	65	65	75
B. ELECTRICAL			
1 Inner Conductor Maximum Resistance (Ohm/100m) at 20°C	3.55	2.13	0.84
Loop Resistance (Ohm/100m) at 20°C	4.64	2.78	1.66
2 Nominal Capacitance (pf/mtr.)	53	53	53
3 Nominal Impedance (Ohm)	75	75	75
4 Nominal Velocity Ratio (%)	85	85	85
C. ATTENUATION (@ 20°C)			
FREQUENCY MHz	dB/100m Max.	dB/100m Max.	dB/100m Max.
5	2.82	1.95	1.25
55	6.73	5.20	3.15
83	8.04	6.20	3.87
187	11.81	9.15	5.74
211	12.47	9.50	6.23
250	13.45	10.50	6.72
300	14.60	11.50	7.38
350	15.75	12.45	7.94
400	16.73	13.30	8.53
450	17.72	14.35	9.02
500	18.70	14.95	9.51
550	19.52	15.70	9.97
600	20.34	16.45	10.43
750	22.87	18.35	11.97
865	24.67	19.95	13.05
1000	26.64	21.45	14.27

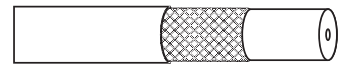
CONNECTORISATION PROCEDURE



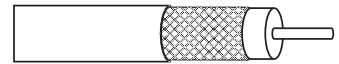
1. Cut jacket through to braid.



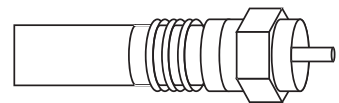
2. Remove jacket.



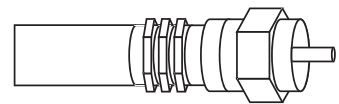
3. Fold back braid and cut through dielectric and tape.



4. Remove dielectric and tape.



5. Slide on connector.



6. Crimp connector.