

# CO-AXIAL

## (Cu/Foam PE/SC/PVC)

### Foam PE Insulated, Cu Braided screen, PVC Sheathed Cable

#### APPLICATION

The tried and true coaxial cable can transmit all kinds of signals - HDTV, digital video, composite video, component video, S-video, FM, and more. We have several options of coax to choose from for wherever you need to use them: schools, hospitals, security systems, or even just connecting your home cable TV indoor & outdoor.

#### CONSTRUCTION

- Conductor:** Solid Plain annealed copper to ASTM B3
- Insulation:** Foamed Polyethylene (PE) to BS 6234
- Wrapped:** Copolymer Al foil
- Screen:** Copper or Tinned Copper Braided
- Sheath:** Special PVC, ST5 to IEC 60227



#### STANDARD

MIL C17

#### COLOR

Insulation:  (Natural)

Sheath:  (Black)

PHYSICAL DATA									ELECTRICAL DATA	
Code name	Nominal cross sectional area of conductor	No. of strands & diameter of wire	Approx. diameter of insulated core	Nominal thickness of sheath	Shield materials	Shield coverage factor	Approx. Overall diameter	Approx. weight of cable	Max. D.C. resistance of conductor at 20 °C	Impedance
	mm <sup>2</sup>	mm	mm	mm	-	%	mm	Kg/Km	ohm/Km	ohm
Low Loss 50 Ohm Wireless RF Transmission Cable										
RG 174	0.16	1/0.45	1.55	0.8	Al Mylar+ATC	85	2.90	24	110.99	50
RG 58	0.65	1/0.91	2.95	0.9	Al Mylar+ATC	85	5.00	50	27.32	50
RG 8X	1.65	1/1.45	3.81	1.0	Al Mylar+ATC	85	6.20	90	10.76	50
75 Ohm analog and digital video cable										
3/C	0.2	1/0.5	3.00	0.9	PAC	60	5.40	34	88.79	75
4/C	0.42	1/0.73	3.81	1.0	PAC	60	6.35	50	42.28	75
5/C	0.64	1/0.9	4.20	1.2	PAC	60	7.20	62	27.75	75
6/C	1.23	1/1.25	5.46	1.2	PAC	60	8.20	67	14.44	75
RG 59/U	0.52	1/0.81	3.68	1.0	Al Mylar+PAC	60	6.15	55	34.15	75
RG 6/U	0.78	1/1.02	4.30	1.2	Al Mylar+PAC	60	7.50	80	22.77	75
RG 11/U	2.09	1/1.63	6.65	1.2	Al Mylar+PAC	60	9.80	110	8.50	75

#### Characteristics



#### Installation condition

