

## GENERAL PURPOSE COAXIAL CABLES FOR RF AND VIDEO APPLICATIONS

## COAX CABLES

### Use

### Insulation

Polyethylene, Foam Polyethylene, High density Foam Polyethylene or Polyethylene with air space as indicated

### Sheath

Black Non Contaminating PVC standard, Other materials and colours on request

### Screen

Bare of Tinned Copper Wire Braid as indicated.

### Note

These cables are manufactured generally in accordance with the relevant requirements of the MIL-C-17 and BS2316 standard specifications.

### Pack

100 or 500 meter reels or drums.

### Conductor

### 50 OHM TYPES



Part Number	Type Of Coaxial	Cond. No./Dia. mm	Dielectric Type Dia.	Screen	Nom. Capacitance	Nom. Dia. mm
HC4020	RG58 C/U	19/0.18 TC	PE 2.95	TC Braid	100 pF/m	4.95
HC4030	RG58	19/0.20 TC	FPE 2.85	TC Braid	85 pF/m	4.95
RG174	RG174	7/0.16 CCS	PE 1.52	TC Braid	100 pF/m	2.80
HC4021	RG213	7/0.75 BC	PE 7.24	BC Braid	100 pF/m	10.29

### 75 OHM TYPES

Part Number	Type Of Coaxial	Cond. No./Dia. mm	Dielectric Type Dia.	Screen	Nom. Capacitance	Nom. Dia. mm
HC4056	RG59/BU	1/0.58 CCS	PE 3.71	BC Braid	67 pF/m	6.15
HC4054	RG59	7/0.25 BC	FPE 3.71	BC Braid	56 pF/m	6.15
HC4027	RG59	1/0.57 BC	PE 3.70	Double TC Braid	67 pF/m	6.30
HC4028	Miniature	7/0.10 TC	HDFPE 1.57	TC Braid	56 pF/m	2.54
HC4029	Miniature	7/0.15 BC	PE 2.54	TC Braid	67 pF/m	3.80

### NOMINAL ATTENUATION (db/100 meters)

Part Number	10mhz	50mhz	200mhz	700mhz	1000mhz
HC4020	4.8	10.9	24.2	56.2	70.8
HC4021	1.9	4.8	9.9	22.0	27.5
HC4027	3.8	7.9	16.5	33.0	45.0
HC4028	8.5	19.5	49.5	-	-
HC4029	8.0	13.9	28.0	54.5	68.5
HC4030	4.3	11.0	22.3	39.5	48.0
HC4041	2.9	6.8	12.5	24.5	29.0
HC4054	3.0	7.0	14.5	28.0	33.5
HC4056	3.6	8.0	16.4	32.0	39.5
RG174	11.0	19.5	41.3	90.0	-

TC = Tinned Copper

BC = Bare Copper

CCS = Copper Clad Steel

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