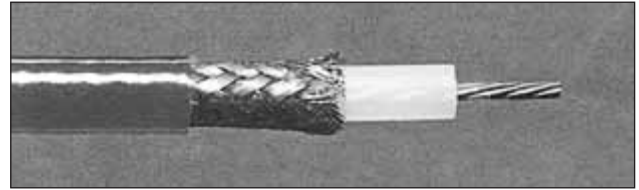


5. COAXIAL CABLES

GENERAL PURPOSE COAXIAL CABLES FOR RF AND VIDEO APPLICATIONS

PACK: 100 or 500 metre reels or drums.

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 or 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.

50 OHM TYPES

TYPE	CONDUCTOR	DIELECTRIC TYPE DIA (mm)	SCREEN	CAPACITANCE pf/m	NOMINAL DIA (mm)	HARTLAND PART
RG58 C/U	19/0.18 TC	PE 2.95	TC Braid	100	4.95	HC4020
RG58	19/0.20 TC	FPE 2.85	TC Braid	85	4.95	HC4030
RG174	7/0.16 CCS	PE 1.52	TC Braid	100	2.80	RG174
RG213	7/0.75 BC	PE 7.24	BC Braid	100	10.29	HC4021

75 OHM TYPES

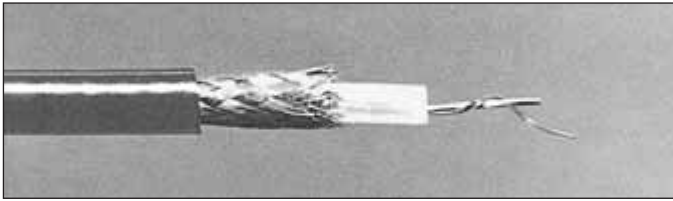
TYPE	CONDUCTOR	DIELECTRIC TYPE DIA (mm)	SCREEN	CAPACITANCE pf/m	NOMINAL DIA (mm)	HARTLAND PART
RG59/BU	1/0.58 CCS	PE 3.71	BC Braid	67	6.15	HC4056
RG59	7/0.25 BC	FPE 3.71	BC Braid	56	6.15	HC4054
RG59	1/0.57 BC	PE 3.70	Double TC Braid	67	6.30	HC4027
Miniature	7/0.10 TC	HDFPE 1.57	TC Braid	56	2.54	HC4028
Miniature	7/0.15 BC	PE 2.54	TC Braid	67	3.80	HC4029

DIGITAL

TYPE	CONDUCTOR	DIELECTRIC TYPE DIA (mm)	SCREEN	CAPACITANCE pf/m	NOMINAL DIA (mm)	HARTLAND PART
RG59	1/0.80 BC	FPE 3.68	A1 Foil+TC Braid	56	5.97	HC4079

NOTE: These cables are not suitable for direct connection to mains supply.

5. COAXIAL CABLES (Cont.)



93 OHM TYPES

TYPE	CONDUCTORS	DIELECTRIC TYPE DIA (mm)	SCREEN	CAPACITANCE pf/m	NOMINAL DIA (mm)	HARTLAND PART
RG62	1/0.63 CCS	PE 3.70 Air Space	BC Braid	40	6.20	HC4041

NOMINAL ATTENUATION (db/100 metres)

PART NUMBER	10 MHz	50 MHz	200 MHz	700 MHz	1000 MHz
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
HC4079	3.0	6.1	11.0	21.5	26.0
RG174	11.0	19.5	41.3	90.0	-

NOTE: These cables are not suitable for direct connection to mains supply.

• NOT ALL SIZES AND COLOURS ARE AVAILABLE EX STOCK, MINIMUM ORDER QUANTITY WILL APPLY FOR SOME ITEMS.

5. COAXIAL CABLES (Cont.)

BUNDLED COAXIAL CABLES

PACK: 100 or 500 metre reels or drums.

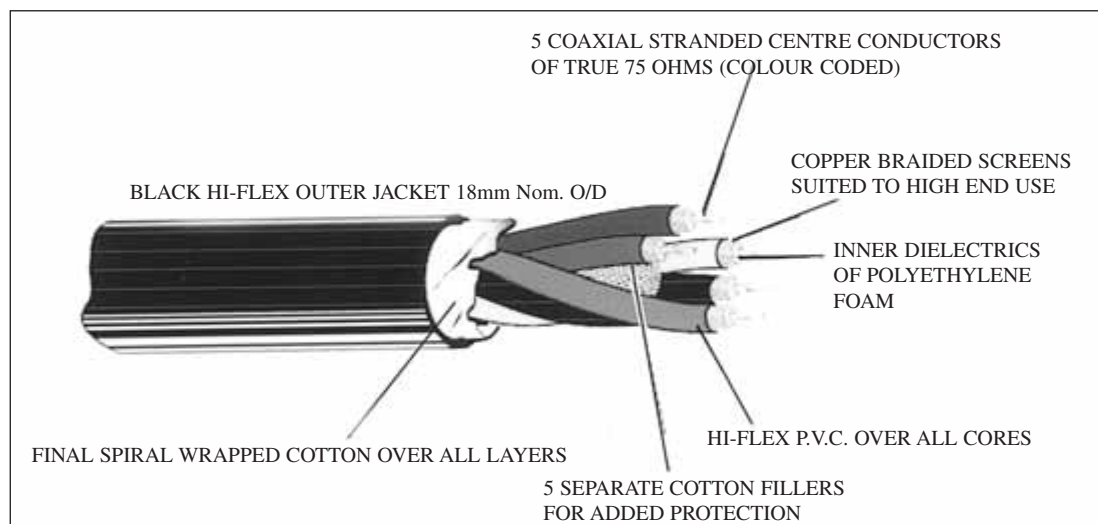
COAXIAL TYPE: As specified below.

SHEATH: Grey PVC standard. Other materials and colours on request.

MINIATURE HC4028 COAXIAL CABLES (See Page 18 for description of HC4028)

NUMBER OF COAXIALS	TYPE OF COAXIAL	COAXIAL SHEATH COLOURS	OVERALL SHEATH DIA (mm)	HARTLAND PART
3	HC4028	Grey/Red Grey/Blue Grey/Green	6.95	HCY482
4	HC4028	Grey/Red Grey/Blue Grey/Green Grey/White	9.15	HCY271
5	HC4028	Grey/Red Grey/Blue Grey/Green Grey/White Grey	9.50	HCY444

NEW CABLES SUPPLEMENT HCX981



HARTLANDS NEW HCX981 PRESENTS A QUALITY 5 CORE COAXIAL CABLE MADE TO SUIT BOTH RGBHV AND COMPOSITE VIDEO SIGNAL DISTRIBUTION, RUGGED YET STILL HIGHLY FLEXIBLE FOR THE PROFESSIONAL.

TYPE	COND	DIEL	SCRN	CAPT	PROP	ATT-10MHZ
75 OHM	20/0.12	PE	96% BC	54 PF	78%	1.5 DB/100 FT

NOTE: These cables are not suitable for direct connection to mains supply.

• NOT ALL SIZES AND COLOURS ARE AVAILABLE EX STOCK, MINIMUM ORDER QUANTITY WILL APPLY FOR SOME ITEMS.