

0.6/2.8 AF

Video Cable 75 Ω


Dca
CPR

Eca
CPR

Application

Video cables are primarily used in closed circuit TV systems and in several studio applications for transmission of image signals.

Standards

For analogue and digital video signals (Composite, component, SDI, SDV, SDTI, HDTV, SMPTE 2082)

Flame resistance

PVC: Class E_{ca}
FRNC: IEC 60332-1, IEC 60754, IEC 61034, Class E_{ca}
FRNC-C: additionally IEC 60332-3 -24, Class D_{ca}

Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	Foam-PE, diameter 2.8 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 3.4 mm
Sheath	FRNC or PVC, diameter 4.5 mm green, RAL 6018
Printing	for FRNC: DRAKA - 0.6/2.8 AF - 75 Ω $\pm$ 1% - HDTV FRNC for PVC: DRAKA - 0.6/2.8 AF - 75 Ω $\pm$ 1% - HDTV

Electrical properties

at 20°C

DC resistance	Inner conductor	61 Ω /km
	Outer conductor	17 Ω /km
Mutual capacitance		52.8 pF/m
Characteristic impedance		75 Ω $\pm$ 0.75 Ω
Velocity ratio		78 %
Screening factor		> 100 dB

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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	2.7	50 – 300	≥ 26
3	3.2	300 – 3000	≥ 22
5	4.1	3000 – 3500	≥ 18
10	5.1	3500 – 6000	≥ 15
30	7.2	6000 - 12000	≥ 15
100	11.4		
200	15.7		
300	18.4		
500	24.2		
800	30.6		
1000	34.0		
1500	42.4		
2000	50.0		
2250	53.3		
3000	61.3		
3500	68.3		
4000	73.8		
4500	78.2		
5000	80.7		
6000	89.4		
9000	109.5		
10000	115.4		
12000	126.4		
15000	141.4		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1002160 CT2738600	0.6/2.8 AF PVC green	27	1000	051	14	60	25	inside
1002161 CT2738601	0.6/2.8 AF PVC black	27	1000	051	14	60	25	inside
1002162 CT2738602	0.6/2.8 AF PVC blue	27	1000	051	14	60	25	inside
1002164 CT2738604	0.6/2.8 AF PVC violet	27	1000	051	14	60	25	inside
1002166 CT2738609	0.6/2.8 AF PVC black + special marking	27	1000	051	14	60	25	inside
1002167 CT2738610	0.6/2.8 AF PVC green + meter marking	27	1000	051	14	60	25	inside

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1002203 CT2850202	0.6/2.8 AF FRNC-C gn	28	1000	051	14	60	25	inside
1002204 CT2850207	0.6/2.8 AF FRNC-C yel.	28	1000	051	14	60	25	inside
1002205 CT2850208	0.6/2.8 AF FRNC-C blue	28	1000	051	14	60	25	inside

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR 0.6/2.8AF FRNC-C violet		60011529	60011529
DR 0.6/2.8AF FRNC-C blue HDTV		60011530	60011530
DR 0.6/2.8AF FRNC-C HDTV		60011531	60011531
DR 0.6/2.8AF FRNC-C black HDTV		60011532	60011532
DR 0.6/2.8AF FRNC-C blue HDTV 1000DW	1003541-01000DW	60011530	60012395
DR 0.6/2.8AF FRNC-C black HDTV 1000DW	1002533-01000DW	60011532	60012396
DR 0.6/2.8 AF-75 OHM PVC HDTV		60013995	60013995
DR 0.6/2.8 AF-75 OHM PVC HDTV 500DW	1002160-00500DW	60013995	60013996
DR 0.6/2.8 AF-75 OHM PVC HDTV 1000DW	1002160-01000DW	60013995	60013997
DR 0.6/2.8 AF-75 OHM PVC VIOLET HDTV		60013998	60013998
DR 0.6/2.8 AF-75 OHM PVC RD HDTV		60014001	60014001
DR 0.6/2.8AF FRNC-C HDTV 100RW	1002203-00100RW	60011531	60014386
DR 0.6/2.8AF FRNC-C HDTV 500DW	1002203-00500DW	60011531	60014389
DR 0.6/2.8AF FRNC-C HDTV 1000DW	1002203-01000DW	60011531	60014392
DR 0.6/2.8AF FRNC-C violet 500DW	1002531-00500DW	60011529	60014396
DR 0.6/2.8AF FRNC-C violet 1000DW	1002531-01000DW	60011529	60014398
DR 0.6/2.8AF FRNC-C yellow HDTV		60014401	60014401
DR 0.6/2.8AF FRNC-C black HDTV 500DW	1002533-00500DW	60011532	60014410
DR 0.6/2.8AF FRNC-C TQ HDTV		60014440	60014440
DR 0.6/2.8AF FRNC-C TQ HDTV 1000DW	1028853-01000DW	60014440	60014443

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