

## HD Video Cable 75 $\Omega$



## Application

Video cables are primary 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)

## Flame resistance

FRNC: IEC 60332-1, IEC 60754, IEC 61034

## 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, diameter 4.5 mm
Printing	DRAKA HD PRO 0.6/2.8 AF - 75 $\Omega$ $\pm$ 1% + batch no.

## Electrical properties

at 20°C

DC resistance	Inner conductor	61 $\Omega$ /km
	Outer conductor	17 $\Omega$ /km
Mutual capacitance		56 pF/m
Characteristic impedance		75 $\Omega$ $\pm$ 0.75 $\Omega$
Velocity ratio		78 %
Screening factor		> 100 dB

## Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz) nominal		Frequency (MHz)	
1	1.2	50 – 300	≥ 26
3	1.9	300 – 3000	≥ 22
5	2.5	3000 – 3500	≥ 18
10	3.5	3500 – 5000	≥ 15
30	5.9		
100	10.0		
200	14.1		
300	17.8		
500	24.0		
800	29.7		
1000	33.2		
1500	41.0		
2250	50.2		
3000	60.9		
3500	65.8		
4000	69.8		
4500	74.2		
5000	78.9		

## Technical data

Product code	Type	Sheath colour	Weight kg/km	Standard delivery length m	Drum size PWD	Copper content	Tensile force N	Bending radius mm	Storage
60014525 (1014488)	HD PRO 0.6/2.8 AF	Anthracite	25	1000	400/120/280	14	60	25	inside
60026751	HD PRO 0.6/2.8 AF	black	25	1000	400/120/280	14	60	25	inside

\*PWD (plywood drum)

## Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
HD PRO 0.6/2.8AF GY LSHF 500DW	1014488-00500DW	60010080	<b>60014522</b>
HD PRO 0.6/2.8AF GY LSHF 1000DW	1014488-01000DW	60010080	<b>60014525</b>

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Cable-nominal-Ø	Cable Group*	Cable Type	Part Number
5	42	FRNC	13-1099-1000

\* see Cable Table Coaxial Cable

