

# HD PRO 0.6/2.8 AF

## HD Video Cable 75 Ω



### 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)

### Flame resistance

FRNC: FRNC: IEC 60332-1, IEC 60754, IEC 61034, Class E<sub>ca</sub>

### 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 Anthracite
Printing	<b>DRAKA</b> - HD PRO 0.6/2.8 AF - 75 Ω ± 1% + batch number + metermarking

### Electrical properties

at 20°C

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

# HD PRO 0.6/2.8 AF

## 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	39.6		
2250	50.2		
3000	60.9		
3500	65.8		
4000	69.8		
4500	74.2		
5000	78.9		

## 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
1014488	HD PRO 0.6/2.8 AF	28	1000	051	14	60	25	inside

[PRODUCT CODE TABLE]

© PRYSMIAN GROUP 2009, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.