

## ULTRA HD PRO 200 UHD

### Video cable for installation



### Application

Video cables are primary used in closed circuit TV systems and in several studio applications for transmission of video content.

### Standards

Installation cable designed for 12Gbit/s, 4K, UHD application, also for analogue and digital video signals (Composite, Component, SDI, SDV, SDTI, HDTV)

### Flame resistance

FRNC: IEC 60332-1; IEC 60754-2; IEC 61034

### Construction

Inner conductor	Copper wire, silvered, diameter 2.8 mm
Insulation	Foam-PE, diameter 11.5 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 12.25 mm
Sheath	FRNC, PVC, diameter 14.7 mm green, RAL 6018
Printing	<b>DRAKA ULTRA HD PRO 200 UHD</b> (Rest wie bei Standard, SMPTE 292M, SMPTE 424M, 4K, etc) batch number and metermarking

## ULTRA HD PRO 200 UHD

### Electrical properties

at 20°C

DC resistance	Inner conductor	2.8 Ω/km
	Outer conductor	4.8 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω
Velocity ratio		78 %
Screening factor		≥ 100 dB
Temperature range		-30° to +75°C

### Electrical data (nominal)

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
		50 – 300	≥ 26
1	0.3	300 – 3000	≥ 22
5	0.4	3000 – 3500	≥ 18
10	0.6	3500 – 6000	≥ 15
30	1.1		
100	2.0		
200	2.9		
300	3.6		
500	4.8		
1000	7.0		
1500	8.8		
2000	10.3		
3000	13.1		
4000	15.6		
5000	18.0		
6000	20.3		
9000	27.2		
10000	29.5		
12000	33.6		

### 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
	ULTRA HD PRO 200 UHD	124	500	770/360/ 560	114	340	10D	inside