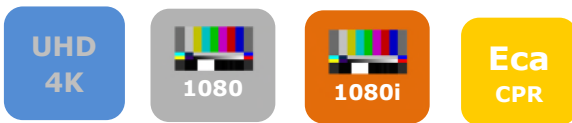


## ULTRA HD PRO 100 UHD

### Video Cable 75 Ω for installation



### Application

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

### Standards

Designed for 12Gbit/s, 4K (SMPTE 2082), UHD, also for Composite, Component, SDI, SDV, SDTI HDTV (1080i, 720p, 1080p)

### Flame resistance

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

### Construction

Inner conductor	solid copper wire, silvered, diameter 1.2 mm
Insulation	Foam-PE, diameter 4.9 mm
Outer conductor	Al-PET-Al-foil under tinned copper braid, diameter 5.7 mm
Sheath	PVC or FRNC, green, RAL 6018, diameter 7.0 mm
Printing	<b>DRAKA ULTRA HD PRO 100 UHD</b> SMPTE 292M, SMPTE 424M, 4K, 8K, 12G batch number and metermarking

## ULTRA HD PRO 100 UHD

### Electrical properties

at 20°C

DC resistance	Inner conductor	15 Ω/km
	Outer conductor	9 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	1.8	300 - 3000	≥ 22
5	1.1	3000 - 3500	≥ 18
10	1.6	3500 - 6000	≥ 15
100	5.3	6000 - 12000	≥ 15
200	7.6		
300	9.3		
500	12.3		
800	15.8		
1000	17.4		
1500	22.0		
2000	25.6		
3000	31.0		
4000	38.0		
5000	41.0		
6000	44.7		
9000	54.7		
10000	57.7		
12000	63.2		
15000	70.7		

### Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size PWD	Copper content	Tensile force N	Bending radius mm	Storage
<b>60055256</b>	ULTRA HD PRO 100 UHD	63	1000	600/200/ 310	35	115	70	inside