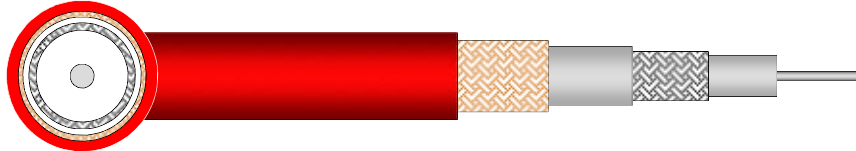


## Triax HD PRO +

Temperature range: - 40 up to + 90°C, for inside and outdoor use



### Application

Triaxial camera cables are used in professional studio applications for simultaneous transmission of energy and multiplex image signals between camera head and control system for SDI and HD-SD.

### Flame resistance

LSOH

### Construction

Inner conductor	solid copper wire, silvered
Insulation	Foam-PE
1 <sup>st</sup> outer conductor	copper braid, thick silvered
Insulation	TPE
2 <sup>nd</sup> outer conductor	copper braid, bare
Sheath	DMC Universal, RAL 3000 or black RAL 9005
Sheath marking	<b>DRAKA</b> TRIAX HD PRO connection + batch no. + meter marking

# Triax HD PRO +

## Electrical properties

at 20°C

Characteristic impedance		75 Ω ± 1 %
Mutual capacitance	800 Hz	54pF
DC resistance	inner conductor	7.3 Ω/km
	inner screen	8.4 Ω/km
	outer screen	6.5 Ω/km
Insulation resistance	inner conductor/inner screen	≥ 10 <sup>4</sup> M Ω*km
	inner screen/outer screen	≥ 10 <sup>3</sup> M Ω*km
Max. operating voltage		500V
Screening factor	30 – 1000 MHz	≥ 75 dB

## Electrical data

at 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Return loss (dB)
1	0.5	1 – 100	> 26
10	1.6	100 – 300	> 23
20	2.2	300 – 3000	> 16
40	3.3		
50	3.5		
60	3.9		
100	5.0		
300	8.8		
500	11.5		
1000	16.4		
2000	23.5		
3000	29.0		

## Technical data

Product code	Type	Weight kg/km	Copper content	Standard delivery length PWD	Drum size	Bending radius N	Tensile force mm	Storage
60014283	Triax HD PRO + red	155	96	1000	770/360/560	120	300	inside
60032155	Triax HD PRO + black	155	96	1000	770/360/560	120	300	inside
60046649	Triax HD PRO + black	155	96	300	600/312/380	120	300	inside

[PRODUCT CODE TABLE]

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