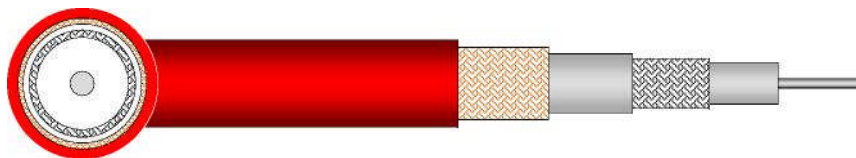




Triax HD PRO +

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.

Triax 11 long distance is optimized for inside studios and outdoor application.

Connector

Fischer connector

Flame resistance

IEC 60332-1; IEC 60754-2; IEC 61034; LSOH

Construction

Inner conductor	solid copper wire, silvered
Insulation	Foam-PE
1 st outer conductor	copper braid, thick silvered
Insulation	TPE
2 nd outer conductor	copper braid, bare
Sheath	DMC Universal, RAL 3000 Ø 11.9 mm
Sheath marking	DRAKA 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 ⁴ M.Ω*km
	inner screen/outer screen	≥10 ³ M.Ω*km
Max. operating voltage		500V
Screening factor	30 – 1000 MHz	≥ 75 dB

Electrical data: Triax HD PRO connection

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
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 m	Standard delivery length KTG/ring	Drum size	Bending radius mm	Tensile force N	Storage
1020741	Triax HD PRO connection	154	96	1000	091	120	300	inside