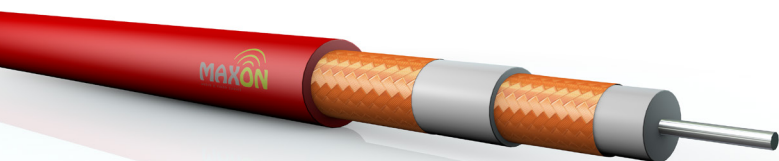


TRIAX CAMERA CABLES



DIGITAL

HD-SDI

HALOGEN FREE

TRIAX 8 HD FRNC / TRIAX 11 HD FRNC

CONSTRUCTION DATA

	TRIAX 8 HD FRNC	TRIAX 11 HD FRNC
Inner conductor	1,0 mm Ø Silv. Cop. Wire	1,4 mm Ø Silv. Cop. Wire
Insulation	4,5 mm Ø Gas-injected foam	6,5 mm Ø Gas-injected foam
1st Shield, Coverage	Bare Copper Braid, 85%	Bare Copper Braid, 85%
Inner Sheath	6,6 mm Ø Pe Compound	Pe Compound
2nd Shield, Coverage	Bare Copper Braid, 80%	Bare Copper Braid, 80%
Outer Jacket	Lszh Compound, Red	Lszh Compound, Red
Outer Diameter	8.4 + 0.2 mm Ø	11.2 + 0.2 mm Ø
Cable Weight	92 Kg / Km	145 Kg / Km

ELECTRICAL DATA

		TRIAX 8 HD FRNC	TRIAX 11 HD FRNC
DC resistance	Inner conductor	< 25 Ω / km	< 13 Ω / km
	Inner screen	< 12 Ω / km	< 10 Ω / km
	outer screen	< 10 Ω / km	< 8 Ω / km
Mutual capacitance 800 Hz		54 pF / m	54 pF / m
Velocity of Propagation		82%	82%
Characteristic Impedance		75 ± 1 Ω	75 ± 2 Ω
Screening Factor		≥ 75 dB	≥ 75 dB
Max. DC loop resistance		30 Ω / km	23 Ω / km
Max. Operating voltage		400 V Rms	400 V Rms
Transmission Dist. up to 3G (1080p)		500 mt	700 mt
Attenuation (db /100 Mt)		Return loss (dB)	Return loss (dB)

MECHANICAL DATA

	TRIAX 8 HD FRNC	TRIAX 11 HD FRNC
Minimum bending radius	5 x D (D= outer diameter)	5 x D (D= outer diameter)
Temperature range	-25° C to +70° C	-25° C to +70° C

APPLICATION

Triaxial Camera cables for use in professional studio applications for the simultaneous transmission of power and multiplex image signals between a camera and its control unit. The different conductor and sheath types available makes this range suitable for every environment whether it be outside or in a studio. The Low Smoke Zero Halogen sheath makes it ideal for use in public buildings where Low Smoke Zero Halogen is specified.

ISO9001
CERTIFIED



INSTALLATION
MOBILE
STUDIO

