

TRIAx CAMERA CABLES



DIGITAL
 HD-SDI
 ANALOG
 HALOGEN FREE

GAV TRIAX 11 HD FRNC-C

CONSTRUCTION DATA

Inner conductor	1,42 mm ϕ Copper Wire
Insulation	6,5 mm ϕ Gas-injected Foam
1st Shield	Bare Copper Braid
Coverage	85%
Inner Sheath	Pe Compaund
2nd Shield	Bare Copper Braid
Coverage	80%
Outer Jacket	Hffr Compaund , Red
Outer Diameter	11.2 + 0.2 mm ϕ
Cable Weight	145 Kg / Km

ELECTRICAL DATA

DC resistance	< 55 Ω / km (Inner conductor) < 17 Ω / km (Shield)
Inner conductor	< 13 Ω / km
Inner screen	< 10 Ω / km
outer screen	< 8 Ω / km
Velocity of Propagation	0,82
Characteristic Impedance	75 \pm 2 Ω
Screening Factor	\geq 75 dB
Max. DC loop resistance	23 Ω / km
Max. Operating voltage	400 V Rms
Transmission Distance up to 3G (1080p)	700 mt

Attenuation (db /100 Mt)		Return loss (dB)	
Frequency (MHz)	Attenuation(db /100 Mt)	Frequency (MHz)	(dB)
1	0,5	10 – 100	\geq 26
10	1,6	100 – 300	\geq 23
30	2,3		
100	3,3		
270	3,8		
540	4,2		
720	5,6		
800	10,4		
1000	17,6		

MECHANICAL DATA

Minimum bending radius	8 x D (D= outer diameter)
Temperature range	-30° 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 it's control unit. The different conductor and sheath types available makes this range suitable for every environment whether it be outside or in a studio.

ISO9001 CERTIFIED RoHS CE

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