

VIDEO CABLE PRO 4K



DIGITAL
12G SDI
4K
HALOGEN FREE

GAV 7507 PRO 4K FRNC-C

CONSTRUCTION DATA

Inner conductor	0,70 mm Ø Silvered Bare Copper
Insulation	2.9 mm Ø Gas-injected foam
Shielding	Aluminum Foil % 100
Shielding	Tinned Copper Braiding % 90
Outer Jacket	HFFR Compound
Outer Diameter	4,5 mmØ
Cable Weight	28 Kg/Km

ELECTRICAL DATA

DC resistance	< 46 Ω/km (Inner conductor) < 20Ω / km (Shield)	
Mutual capacitance	53 pF / m	
Velocity of Propagation	82%	
Characteristic Impedance	75 Ω ± 2	
Screening factor	≥ 100 Db	
Max. Operating Voltage	300 V Rms	
Attenuation (db /100 Mt)	Return loss (dB)	

Frequency (MHz)	Attenuation(db /100 Mt)	Frequency (MHz)	(dB)
1	2,4	50 – 300	≥ 26
10	3,1	300 – 3000	≥ 22
100	10,1	3000 – 3500	≥ 18
200	13,9	3500 – 6000	≥ 15
300	16,7	6000 – 12000	≥ 15
500	22		
800	28		
1500	39		
3000	55,8		
4000	66		
5000	73		
9000	99		
10000	104		
12000	114		

FLAME RESISTANCE:

IEC Flammability:	IEC 60332-1-2 and IEC 50332-3-24
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MECHANICAL DATA

Minimum bending radius	5x D (D= outer diameter)
Temperature range	-30° C to +70° C

APPLICATION

Made for use in professional broadcast television systems, these 75 ohm video cables also have a range of studio applications for the transmission of video content. They are designed to help achieve digital and analogue signal quality and are suitable for 12Gbit/s, 4K (SMPTE 2082) and UHD, as well as Composite, Component, SDI, SDV, SDTI and HDTV (1080i, 720p, 1080p).

These cable products have low smoke density, halogen free and they don't emit poisonous gases.

ISO9001 CERTIFIED



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