

VIDEO CABLE PRO 4K



DIGITAL

12G SDI

4K

HALOGEN FREE

GAV 7512 PRO 4K FRNC-C

CONSTRUCTION DATA

Inner conductor	1,20 mm Ø Silvered Bare Copper
Insulation	4,9 mm Ø Gas-injected foam
Shielding	Aluminum Foil % 100
Shielding	Tinned Copper Braiding % 90
Outer Jacket	HFFR Compound
Outer Diameter	7,0 mm Ø
Cable Weight	63 Kg/Km

ELECTRICAL DATA

DC resistance	< 15 Ω/km (Inner conductor) < 9 Ω / km (Shield)
Mutual capacitance	56 pF / m
Velocity of Propagation	78%
Characteristic Impedance	75 Ω ± 1
Screening factor	≥ 100 dB
Max. Operating Voltage	300 V Rms

Frequency (MHz)	Attenuation(db /100 Mt)	Frequency (MHz)	(dB)
1	1,8	50 – 300	≥ 26
10	1,6	300 – 3000	≥ 22
100	5,3	3000 – 3500	≥ 18
200	7,6	3500 –6000	≥ 15
300	9,3	6000 –12000	≥ 15
500	12,3		
800	15,8		
1500	22		
3000	31		
4000	38		
5000	41		
9000	55		
10000	58		
12000	64		

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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INSTALLATION
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