

## VIDEO CABLE HD-SDI



DIGITAL  
12G SDI  
4K  
RG6 TYPE  
HALOGEN FREE

## GAV 7510 PRO 4K FRNC-C

### CONSTRUCTION DATA

Inner conductor	1,016 mm Ø (AWG 18) Silver Plated Copper
Insulation	4.57 mm Ø Gas-injected Foam
Shielding	Aluminum Foil % 100
Shielding	Tinned Copper Braiding % 95
Outer Jacket	LSZH Compound
Outer Diameter	7,0 mmØ
Cable Weight	47 Kg/Km

### ELECTRICAL DATA

DC resistance	< 21 Ω / km (Inner conductor) < 10 Ω / 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	0,73	50-300	≥ 26
10	2,2	300-3000	≥ 22
30	3,3	3000-3500	≥ 18
100	6	3500 - 6000	≥ 15
270	9,5	6000 - 12000	≥ 15
540	14,1		
720	16,4		
1000	19,4		
1500	23,7		
2000	27,6		
3000	34,5		
6000	50,3		
12000	74,7		

### FLAME RESISTANCE:

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

Minimum bending radius	8 x D ( D= outer diameter )
Temperature range	-25° C to +75° 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



MOBIL  
STUDIO  
INSTALLATION  
STAGE  
**GABRIEL**