

## VIDEO CABLE PRO 4K



DIGITAL

12G SDI

4K

## GAV 7522 PRO 4K PVC

### CONSTRUCTION DATA

Inner conductor	7x0.75 mm Ø Silvered Bare Copper
Insulation	9,7 mm Ø Gas-injected foam
Shielding	Aluminum Foil % 100
Shielding	Tinned Copper Braiding % 90
Outer Jacket	Pvc Compound
Outer Diameter	12,7mmØ
Cable Weight	154 Kg/Km

### ELECTRICAL DATA

DC resistance	< 9,5 Ω/km (Inner conductor) < 4,5 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)
750	1,8	50 – 300	≥ 26
1500	1,6	300 – 3000	≥ 22
2250	5,3	3000 – 3500	≥ 18
3000	7,6	3500 – 6000	≥ 15
6000	9,3	6000 – 12000	≥ 15
9000	12,3		
10000	15,8		
12000	22		

### 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).

ISO9001  
CERTIFIED



MOBIL  
STUDIO  
INSTALLATION  
STAGE  
**GABRIEL**