

VIDEO CABLE PRO 4K



DIGITAL

12G SDI

4K

GAV 7512 PRO 4K PVC

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	Pvc 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		

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