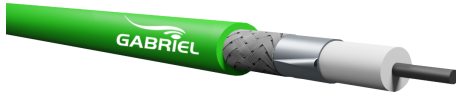


VIDEO CABLE PRO 4K



DIGITAL
12G SDI
4K

GAV 7507 PRO 4K PVC

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	Pvc Compound
Outer Diameter	4,5 mmø
Cable Weight	28 Kg/Km

ELECTRICAL DATA

DC resistance	< 46 Ω/km (Inner conductor) < 200 Ω / km (Shield)
Mutual capacitance	53 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	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		

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