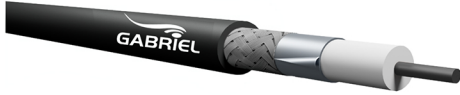


## VIDEO CABLE HD-SDI



DIGITAL  
12G SDI  
4K  
RG59 TYPE

### GAV 7508 PRO 4K

#### CONSTRUCTION DATA

Inner conductor	0,81 mm Ø (AWG 20) Silver Plated Copper
Insulation	3.66 mm Ø Gas-injected Foam
Shielding	Aluminum Foil % 100
Shielding	Tinned Copper Braiding % 95
Outer Jacket	PVC Compound
Outer Diameter	5,92 mmØ
Cable Weight	47 Kg/Km

#### ELECTRICAL DATA

DC resistance	< 34 Ω / km (Inner conductor) < 11 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	0,98	50-300	≥ 26
10	2,9	300-3000	≥ 22
30	4,16	3000-3500	≥ 18
100	7,54	3500 - 6000	≥ 15
270	12,3	6000 - 12000	≥ 15
540	17,82		
720	20,75		
1000	24,8		
1500	30,5		
2000	35,35		
3000	43,8		
6000	64,6		
12000	94,8		

#### 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).

ISO9001  
CERTIFIED

RoHS  
COMPLIANT

CE

MOBIL  
STUDIO  
INSTALLATION  
STAGE  
**GABRIEL**