

## GABREAL GAV 7506 HD VIDEO CABLE PVC

### Application

GAV 7506 HD video cable meets the all requirements of the Boadcast instllations for HDTV and SDI high-definition video in spite of its reduced diameter. The inner conductor insulation is made of a special Foam PE which guarantees a very low capacitance value. For analog and digital signal transmission.

### Construction

Conductor	0,65 mm solid annealed copper wire
Insulation	Ø2,80 ± 0,05 mm Foam PE
1 <sup>st</sup> Screening	AL-PES foil
2 <sup>nd</sup> Screening	<b>Tinned</b> copper wire braiding, cov. approx. 95%
Outer sheath	Ø4,80 ± 10% mm PVC compaund
Outer Sheath color	RAL 9005 BLACK

### Marking

GABREAL GAV 7506 HDTV VIDEO CABLE 75±1 OHM PVC LOT CE 0001 m

### Electrical properties (at 20 ° C, unless otherwise stated)

Impedance	75 Ω ± 3 Ω
Nominal capacitance	53 ± 3 pF/m
Velocity propagation	82%
Insulation Resistance	>2000 M Ω x km

### Attenuation (dB/100 m)

Frequency (MHz)	Attenuation (dB/100m)
5	2,88
200	14,00
400	19,30
800	29,00
1000	31,46
2150	48,10
2400	52,00
3000	57,65

### Mechanical and thermal properties

Temperature range	-30°C to +70°C
Installation temperature	-5°C to +50°C
Min. bending radius	10 x Cable diameter

### Other properties

Flame retardant	IEC 60332-1-2
CE, RoHS compliant	Yes