



0.41/1.9 AF

Video Cable 75 Ω



Application

Video cables are primarily used in closed circuit TV systems and in several studio applications for transmission of image signals.

Standards

For analogue and digital video signals (Composite, Component, SDI/SDV, SDTI, HDTV)

Flame resistance

PVC: IEC 60332-1
FRNC: IEC 60332-1; IEC 60754-2; IEC 61034
FRNC-C: additionally IEC 60332-3 C

Construction

Inner conductor	copper wire, bare, diameter 0.41 mm
Insulation	Foam-PE, diameter 1.9 mm
Outer conductor	Al-PET-Al foil + copper braid, tinned, diameter 2.5 mm
Sheath	FRNC or PVC, diameter 3.1mm
Printing	DRAKA COMTEQ – 0.41/1.9 AF – 75 Ω ± 1%

Electrical properties

at 20°C

DC resistance	Inner conductor	145 Ω/km
Mutual capacitance		56 pF/m
Characteristic impedance		75 Ω ± 0.75 Ω
Velocity ratio		78 %
Screening factor		> 100 dB



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Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	1.8	50 – 300	> 26
5	4.4	300 – 3000	> 22
10	6.1	3000 – 3500	> 18
30	10.4	3500 – 5000	> 15
100	17.9		
200	25.3		
300	31.0		
1000	55.4		
1500	70.4		
2000	87.0		
2500	100.7		
3000	115.0		
3500	129.0		
4000	138.0		
4500	149.0		
5000	160.0		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Copper content	Tensile force N	Bending radius mm	Storage
1002496 CT2967000	0.41/1.9 AF PVC gn	14	1000	051	7.5	50	20	inside
1002459 CT7667000	0.41/1.9 AF FRNC-C gn	14	1000	051	7.5	50	20	inside