

Video Cable 75 W 1.0/6.6 PVC green, PE black, FRNC gn

Application

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



Construction

Inner conductor	solid copper wire, bare, diameter 1.0 mm
Insulation	PE, diameter 6.6 mm
Outer conduction	copper braid, bare, optical coverage 84 %, diameter 7.2 mm
Sheath	PVC, FRNC (SM-M16) or PE, diameter 9.2 mm
Sheath colour	green, RAL 6018 (PVC, FRNC) black (PE)
Sheath marking	"DRAKA MULTIMEDIA CABLE - GERMANY - 1.0/6.6 - 75 $\Omega \pm 1\%$ " "DRAKA MULTIMEDIA CABLE - GERMANY - 1.0/6.6 - 75 $\Omega \pm 1\%$ - FRNC"

Electrical properties at 20 °C

Characteristic impedance	Ω	75 \pm 0.75
Attenuation at		
0.1 MHz	dB/100m	0.36
0.3 MHz	dB/100m	0.62
0.6 MHz	dB/100m	0.5
1 MHz	dB/100m	0.6
3 MHz	dB/100m	1.1
5 MHz	dB/100m	1.4
10 MHz	dB/100m	2.0
30 MHz	dB/100m	3.5
100 MHz	dB/100m	6.5
200 MHz	dB/100m	9.4
300 MHz	dB/100m	11.6
500 MHz	dB/100m	15.5
800 MHz	dB/100m	20.1
Screening factor	dB	\geq 65
Velocity ratio	%	67
DC resistance		
Inner conductor	Ω /km	22
Outer conductor	Ω /km	8
Return loss		
50 - 300 MHz	dB	\geq 24
300 - 800 MHz	dB	\geq 21
Mutual capacitance	pF/m	67

Technical data

Product code	Type	Weight kg/km	Copper content kg/km	Standard delivery length m	Drum size KTG/ring	Bending radius mm	Tensile force N	Storage
CT2742000	1.0/6.6 PVC green	100	36	1000	081	45	150	inside
CT2742200	1.0/6.6 PE black	87	36	1000	081	45	150	inside
CT7642000	1.0/6.6 FRNC green	100	36	1000	081	45	150	inside