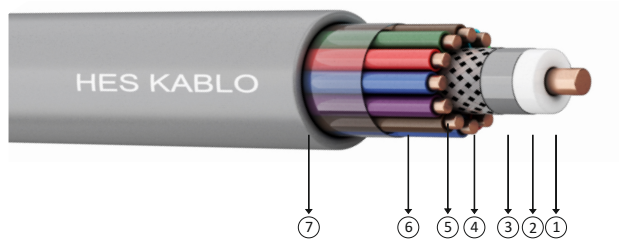


CCTV RG 6 PVC Camera Cables



Code: CCTV RG 6 PVC **Standard:** TSE / TS 13778

CCTV : Closed Circuit TV System
RG : Radio Frequency
6 : Conductor Wire Diameter
PVC : PVC Sheath

Technical Properties

Inner Conductor Diameter : $1,02 \pm 0,02$ mm
 Insulation Diameter : $4,6 \pm 0,2$ mm
 First Screen : Al-PET Foil (Coverage %100)
 Second Screen : Tinned Copper Wire Braid
 Outer Conductors: Stranded Electrolytic Copper
 Sheath Colour : White
 Sheath Material : PVC
 Package : 100 - 300 m Coil / 500 - 1000 m Drum

Electrical Properties

Impedance : 75 ± 3 Ohm
 Nominal Capacitance : 54 ± 2 pF/m (Conductor/Screen)
 Velocity of Prop. : $\%82 \pm 2$
 Insulation Resistance : 2000 Mohm x km (Min.)
 Test Voltage (AC 50 Hz) : 1500 V / 1 Minutes
 Operating Temperature : -40°C , $+70^{\circ}\text{C}$
 Min. Bending Radius : $10 \times D$ (mm) (D:Overall Diameter)
 CPR Fire Class : Euro - Class E

Construction

- 1- Conductor : Annealed copper wire (TS EN 60228 Class 1)
- 2- Insulation : Physical Foamed Polyethylene (TS EN 50290-2-37)
- 3- First Screen : One Side Copolyedmer Coated Aluminum Foil (%100 Coverage)
- 4- Second Screen : Thin From Tinned Copper Wire Braid
- 5- Outer Conductor : Stranded Electrolytic Copper (TS EN 60228)
- 6- Sheath Material : PVC (TS EN 50290-2-21) (White, Brown, Green, Yellow, Grey, Pink, Blue, Red, Black, Violet, Turquoise, Orange)
- 7- OuterSheath : PVC Outer sheath with white coloured (TS EN 50290-2-22)

Applications

Used in indoor CATV (Cable TV) systems, individual - central antenna and satellite distribution systems, CCTV camera security systems. It provides transmission of display, power, audio and control signals at the same time.

Attenuation (Max)

Mhz				
5	200	400	800	1000
dB/100 m				
2,80	10,5	14,8	21,5	24,6

Return Loss (Min)

Mhz	
5-470	470-1000
dB	
>20	>18



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Number of Cores and Cross-Section	Outer Diameter (Approx)	Cable Weight (Approx)	Conductor Resistance (max.)	Operating Voltage	Delivery Length
mm ²	mm	kg/km	Ω/km	(V)	m
2x0,22	9,1	80,7	96,0	250	100 / 300 / 500 / 1000
2x0,25	9,1	81,3	78,0	250	100 / 300 / 500 / 1000
2x0,50	9,5	89,0	39,0	250	100 / 300 / 500 / 1000
2x0,75	9,8	96,9	26,0	250	100 / 300 / 500 / 1000
4x0,22	9,1	87,5	96,0	250	100 / 300 / 500 / 1000
4x0,25	9,1	88,5	78,0	250	100 / 300 / 500 / 1000
4x0,50	9,5	102,5	39,0	250	100 / 300 / 500 / 1000
2x0,50 + 2x0,22	9,5	95,7	39,0 / 96,0	250	100 / 300 / 500 / 1000