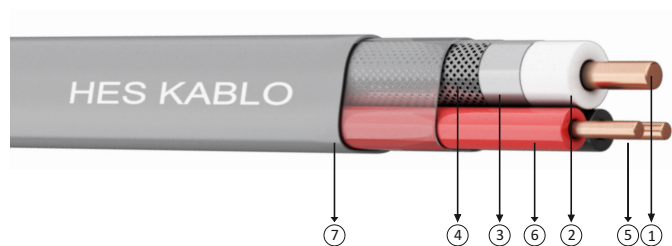


CCTV RG 59 LSZH Camera Cables



Code: CCTV RG 59 LSZH **Standard:** TSE / TS 13778

CCTV : Closed Circuit TV System
RG : Radio Frequency
59 : Conductor Wire Diameter
LSZH : HFFR / LSZH Sheath

Technical Properties

Inner Conductor Diameter : 0,81±0,02 mm
 Insulation Diameter : 3,7±0,2 mm
 First Screen : Al-PET Foil (Coverage %100)
 Second Screen : Tinned Copper Wire Braid
 Outer Conductor : Stranded Electrolytic Copper
 Sheath Colour : White
 Sheath Material : LSZH
 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±2
 Insulation Resistance : 2000 Mohm x km (Min.)
 Test Voltage (AC 50 Hz) : 1500 V / 1 Minutes
 Operating Temperature : -40°C, +70°C
 Min. Bending Radius : 10 x 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 : LSZH (TS EN 50290-2-26) (White, Brown, Green, Yellow, Grey, Pink, Blue, Red, Black, Violet, Turquoise, Orange)
 7- OuterSheath : LSZH Outer sheath with white coloured (TS EN 50290-2-27)

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				
2,85	12,3	18,5	26,6	30,0

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	8,4	75,3	96,0	250	100 / 300 / 500 / 1000
2x0,25	8,4	75,9	78,0	250	100 / 300 / 500 / 1000
2x0,50	8,8	83,9	39,0	250	100 / 300 / 500 / 1000
2x0,75	9,1	92,1	26,0	250	100 / 300 / 500 / 1000
4x0,22	8,4	82,0	96,0	250	100 / 300 / 500 / 1000
4x0,25	8,4	83,1	78,0	250	100 / 300 / 500 / 1000
4x0,50	8,8	97,3	39,0	250	100 / 300 / 500 / 1000
2x0,50 + 2x0,22	8,8	90,6	39,0 / 96,0	250	100 / 300 / 500 / 1000