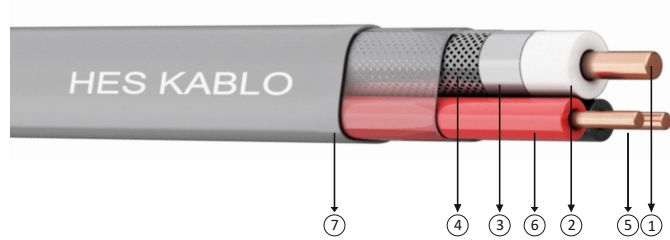


CCTV MINI LSZH Camera Cables



Code: CCTV MINI LSZH **Standard:** TSE / TS 13778

CCTV : Closed Circuit TV System
MINI : Conductor Wire Diameter
LSZH : HFFR / LSZH Sheath

Technical Properties

Inner Conductor Diameter : 0,65±0,02 mm
 Insulation Diameter : 2,9±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 : 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 : 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- Outer Sheath : LSZH Outer sheath with white coloured (TS EN 50290-2-27)

Applications

They are 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				
3,40	16,3	23,8	34,2	38,4

Return Loss (Min)

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

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	6,3	37,8	96,0	250	100 / 300 / 500 / 1000
2x0,25	6,3	38,2	78,0	250	100 / 300 / 500 / 1000
2x0,50	6,7	46,0	39,0	250	100 / 300 / 500 / 1000
2x0,50 + 1x0,25	6,7	49,6	39,0 / 78,0	250	100 / 300 / 500 / 1000
2x0,50 + 2x0,22	6,7	52,9	39,0 / 96,0	250	100 / 300 / 500 / 1000
2x0,50 + 2x0,25	6,7	53,2	39,0 / 78,0	250	100 / 300 / 500 / 1000
2x0,50 + 3x0,25	6,7	56,8	39,0 / 78,0	250	100 / 300 / 500 / 1000
2x0,50 + 4x0,25	6,7	60,5	39,0 / 78,0	250	100 / 300 / 500 / 1000
12x0,25	7,5	79,2	78,0	250	100 / 300 / 500 / 1000