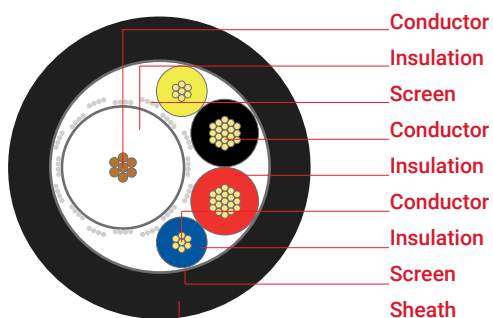




Cable structure



- Stranded copper wire, 7x0.20 mm, Class 5, IEC 60228
- Physical foam PE, Ø 2.50 mm, 70°C, EN 50290-2-23
- Al-Pet foil min. 100% coverage, Aluminium braided wire
- Stranded copper wire, 0.50 mm², Class 5, IEC 60228
- PVC, Black-Red, T152 EN 50290-2-21
- Stranded copper wire, 0.22 mm², Class 5, IEC 60228
- PVC, Yellow-Blue, T152 EN 50290-2-21
- Al-Pet foil min. 100% coverage
- PE - RAL 9011 Black, 80°C, EN 50290-2-24

Application

Utilising physical foam insulation technology, cables have a rated impedance of 75 ohms and are used in outdoor and underground CCTV closed circuit camera applications. Provides simultaneous transmission of video, power, audio and control signals.

Attenuation @20°C

max.	1 MHz	2.2 dB/100 m
	5 MHz	4.0 dB/100 m
	10 MHz	5.4 dB/100 m
	20 MHz	7.3 dB/100 m
	30 MHz	8.8 dB/100 m
	50 MHz	11.2 dB/100 m
	100 MHz	15.6 dB/100 m

Specifications

Operating temperature		-30°C ...+70°C
Bending radius	min.	15 x D
Impedance		75 ± 3 Ω
Capacitance		54 ± 2 pF/m
Velocity of propagation		(83 ± 2)%
Insulation resistance	min.	2 GΩ x km
Operating voltage	max.	1000 V
Test voltage		2500 V
Conductor resistance	max.	0.22 mm ² 96 Ω/km 0.50 mm ² 39 Ω/km

Standards TSE K 212

EU declaration of conformity

LVD	Low Voltage Directive	2014/35/EU
RoHS	Restriction of Hazardous Substances	2011/65/EU

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]	Sheath colour	Packaging [m]
306071	CCTV 1+2 PE RG 59 MiniCoax + 2x0.50 mm ²	6.20	10	31	Black (RAL 9011)	100/500/1000
306117	CCTV 1+4 PE RG 59 MiniCoax + 4x0.22 mm ²	6.30	9	30	Black (RAL 9011)	100/500/1000
306072	CCTV 1+4 PE RG 59 MiniCoax + 2x0.50 mm ² + 2x0.22	6.30	14	38	Black (RAL 9011)	100/500/1000
306119	mm ² CCTV 1+12 PE RG 59 MiniCoax + 12x0.22 mm ²	7.70	24	64	Black (RAL 9011)	500/1000

Specifications may vary depending on technical modifications.