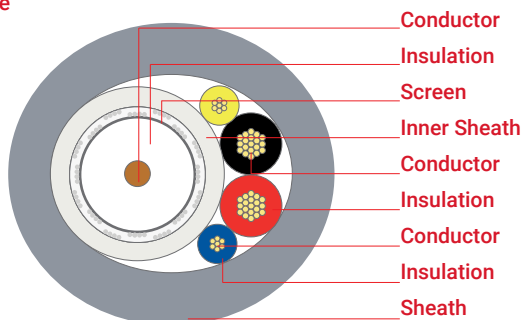




Cable structure



- Electrolytic copper wire, Ø 1.02 mm (AWG18)
- Physical foam PE, Ø 4.60 mm, 70°C, EN 50290-2-23
- Al-Pet foil min. 100% coverage, Aluminium braided wire
- PVC, TM51 70°C, EN 50290-2-22
- Stranded copper wire, 0.75 mm², Class 5, IEC 60228
- PVC, Black-Red, TI52 EN 50290-2-21
- Stranded copper wire, 0.50 mm², Class 5, IEC 60228
- PVC, Yellow-Blue, TI52 EN 50290-2-21
- PVC - RAL 7001 Grey, TM51 70°C, EN 50290-2-22

Application

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

Specifications

Operating temperature		-30°C ...+70°C	
Bending radius	min.	10 x D	
Impedance		75 ± 3 Ω	
Capacitance		52 ± 2 pF/m	
Velocity of propagation		(84 ± 2)%	
Insulation resistance	min.	2 GΩ x km	
Operating voltage	max.	1300 V	
Test voltage		3000 V	
Conductor resistance	max.	0.22 mm ²	96 Ω/km
		0.50 mm ²	39 Ω/km
		0.75 mm ²	26 Ω/km
		1.0 mm ²	19.5 Ω/km
		1.50 mm ²	13.3 Ω/km
		2.50 mm ²	7.98 Ω/km

Attenuation @20°C

max.	50 MHz	4.74 dB/100 m
	200 MHz	9.29 dB/100 m
	470 MHz	14.35 dB/100 m
	860 MHz	19.72 dB/100 m
	1000 MHz	21.37 dB/100 m
Return loss	5-470 MHz	> 20 dB
	470-1000 MHz	> 18 dB

Standards TSE K 212

Fire performance

Vertical flame propagation EN 60332-1-2

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]
306091	CCTV 1+2 RG 6 U/4 + 2x0.50 mm ²	9.90	16	84	Grey (RAL 7001)	500/1000
306061	CCTV 1+2 RG 6 U/4 + 2x0.75 mm ²	10.2	20	93	Grey (RAL 7001)	500/1000
306062	CCTV 1+2 RG 6 U/4 + 2x1.5 mm ²	11.3	32	118	Grey (RAL 7001)	500/1000
306102	CCTV 1+4 RG 6 U/4 + 2x0.50 mm ² + 2x0.22 mm ²	10.2	19	94	Grey (RAL 7001)	500/1000
306063	CCTV 1+4 RG 6 U/4 + 2x0.75 mm ² + 2x0.50 mm ²	10.3	28	106	Grey (RAL 7001)	500/1000

Specifications may vary depending on technical modifications.