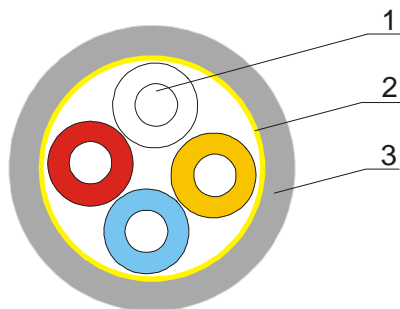


Telecommunication cable



1. Insulated conductors
2. Polyester tape
3. PVC-sheath



CONSTRUCTION			
Conductors:	single tinned copper wire with uniform circular cross – section, with homogenous quality and free from defects acc PN EN 1977:2013; diameter \varnothing 0,80 mm		
Insulation:	material PVC (DIN VDE 0207/4 Y11)		
Elongation at break of insulation	before ageing	- min 125 %	
	after ageing	- change doesn't exceed 20 %	
Tensile strength	before thermal ageing	- min 12,5 MPa	
	after thermal ageing	- change doesn't exceed 20 %	
Insulated wire diameter	\varnothing 1,6 mm		
Cable core	lay length of cable core stranding max. 600 mm		
Colours of insulation:	number of wire	colour	
	1	blue	
	2	yellow	
	3	white	
	4	red	
Cable core wrapping	polyester tape		
Sheath	PVC (DIN VDE 0207/5 YM1)		
Colour sheath	grey (RAL 7035)		
Elongation at break of sheath	before ageing	- min 125 %	
	after ageing	- change doesn't exceed 20 %	
Tensile strength	before thermal ageing	- min 12,5 MPa	
	after thermal ageing	- change doesn't exceed 20 %	

ELECTRICAL PARAMETERS		
Electrical parameters at 20°C and frequency 800Hz	units	Nominal diameter [mm]
		0,8
Wire resistance	Ω /km	max. 36,7
Insulation resistance	$M\Omega$ *km	min. 500
Attenuation factor	dB	max. 3,5 / 100m for 1MHz
Operating voltage	V	max. 75

FIRE PERFORMANCE

Flame retardant:

EN 60332-1-2

Size	Sheath thickness nominal	Cable diameter approx.	Approximate net weight of cables
	mm	mm	kg/km
2 x 0,8	0,5	4,6	26,7
4 x 0,8	0,6	6,0	46,7

*Thickness and external dimensions measurements acc. to PN-EN 60811-1-1:1999***APPLICATIONS**

- Fixed indoor installations
- Building automation
- Alarm, signal and security control transmission

Standard length cable packing

If not specified by customer - reels 100m

Cable marking example**KLM 2x0,8 TF Kable 1** /year of production/ - length marking (every 1 meter)
or cables may be marked according to customer requirements

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