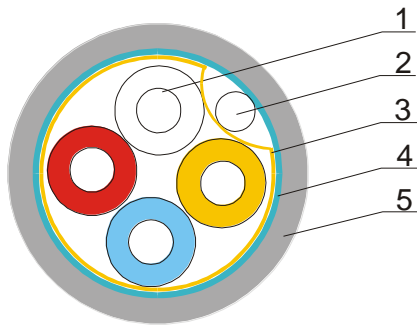


Telecommunication cable



1. Insulated conductors
2. Drain wire
3. Polyester tape
4. Al/Pet tape
5. PVC - sheath



CONSTRUCTION		
Conductors:	single copper wire with uniform circular cross-section, with homogenous quality and free from defects; acc. to PN-EN 1977:2013	
Drain wire:	tinned copper wire 0,8mm	
Insulation:	PVC (acc. to DIN VDE 0207/4 Y11)	
Elongation at break of insulation:	before ageing - min 125 % after ageing - min 100 %	
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	
Screen:	Al/PET tape	
Sheath:	PVC (acc. to DIN VDE 0207/5 YM1)	
Elongation at break of sheath:	before ageing - min 125 % after ageing - min 100%	
Colour of sheath:	Grey (RAL 7035)	

ELECTRICAL PARAMETERS		
Electrical parameters at 20°C and frequency 800Hz	units	Nominal diameter [mm]
		0,8
Wire resistance DC	Ω/km	max. 36,7
Insulation resistance of each wire	MΩ*km	min. 500
Attenuation factor (for 1MHz)	dB/100m	max. 3,5
Mutual capacitance wire – AL/PET	nF/km	max. 65
Max. operating voltage	V	75
Fire performance according to IEC 60332-1-2		

Cable	Sheath thickness	Approx. cable diameter	Approx. weight of cable
	mm	mm	kg/km
2x0,8+0,8	0,5	5,0	33,5
4x0,8+0,8	0,6	6,3	54,1

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 **KLMA PVC 2 x 0,8 + 0,8 TF Kable 1 year of prod.+ CE** length marking every meter or cables may be marked according to customer requirements

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