

YnC-YTKSYekp nx(1x2x0,6c)

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TELECOMMUNICATION CABLES**APPLICATIONS**

YnC-YTKSYekp nx(1x2x0,6c) are multipair, pair and overall shielded cables intended for control and instrumentation circuits, for signal, monitoring and data processing systems and for analogue or digital data transmission, all in industrial electronics applications.

Shielded pair structure substantially decreases mutual influence between signals transmitted along the cable.

To achieve high analogue or digital data transmission performance the cable is protected against external electromagnetic interferences by an overall shield.

The cables are suitable for indoor installations.

CONSTRUCTION

- tin-plated copper single wire round conductors of diameter 0.6 mm,
- PVC insulation - identification colour code: black, grey,
- insulated conductors twisted into pairs,
- pair shield incorporating aluminium-polyester tape and annealed tinned copper single drain wire,
- shielded pairs sheathed with PVC to insulate one shield from another, grey RAL 7035 and printed black number of pair,
- shielded and sheathed pairs laid-up in layers,
- tinned copper wire braid shield of coverage bigger than 80%,
- special self-extinguishing (oxygen index bigger than 29%) PVC cable sheath, grey RAL 7035, other colours also available.

CHARACTERISTICS

Operating voltage	150 V	Operating temperature range	
Voltage test	1000 V rms	during operation	from - 30 to + 80°C
DC loop resistance at 20°C, maximum	135.8 Ω/km	during installation	from - 5 to + 50°C
Effective capacitance at 1 kHz, approximate	200 nF/km	Minimum bending radius	10 x cable diameter
Insulation resistance, minimum	20 MΩ·km	Cable combustibility	flame retardant
		Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2 PN-EN 60332-3-24, IEC 60332-3-24 (cat. C)
		Reference standards	WT-TK-4, PN-92/T-90320

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor diameter	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm	mm	kg/km	kg/km
1095 001	12x(1x2x0,6c)	14.5	165	320

Other diameters and pair counts available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.