

YnTKSXekp 1x2x0,4c
Yn-YTKSXekp nx(1x2x0,4c)

page 1 of 2

TELECOMMUNICATION CABLES**APPLICATIONS**

YnTKSXekp 1x2x0,4c mm and **Yn-YTKSXekp nx(1x2x0,4c) mm** are multipair, pair individually 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.

Cables provide data transmission in the following systems: ISDN, PCM and others.

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

The cables are suitable for indoor installations.

CONSTRUCTION YnTKSXekp

- tin-plated copper single wire round conductors of diameter 0.4 mm,
- PVC insulation - identification colour code: black, grey,
- insulated conductors twisted into pair,
- pair shield incorporating aluminium-polyester tape and stranded annealed tinned copper drain wire,
- special (oxygen index bigger than 29%) PVC cable sheath, grey RAL 7035, other colours also available.

CONSTRUCTION Yn-YTKSXekp

- tin-plated copper single wire round conductors of diameter 0.4 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,
- special self-extinguishing (oxygen index bigger than 29%) PVC cable sheath, grey RAL 7035, other colours also available.

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page 2 of 2

CHARACTERISTICS

Characteristic impedance	120 ± 15 Ω	DC loop resistance at 20°C, maximum	290 Ω/km
Effective capacitance at 1 kHz	50 ± 5 nF/km	Operating temperature range during operation	from - 30 to + 70 °C
Attenuation loss, max - at frequency 1MHz	6 dB/100 m	during installation	from - 10 to + 50 °C
Insulation resistance, minimum	1000 MΩ·km	Minimum bending radius	15 x cable diameter
Operating voltage	150 V	Cable combustibility	flame retardant
Voltage test	1500 V rms	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2 PN-EN 60332-3-24, IEC 60332-3-24 (cat. C)
		Reference standards	PN-92/T-90320

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

Product No.	Cable type	Number of pairs (x 2) x conductor diameter	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
		mm	mm	kg/km	kg/km
0524 001	YnTKSXekp	1x2x0,4c	3.9	3.6	17.0

Product No.	Cable type	Number of pairs (x 2) x conductor diameter	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
		mm	mm	kg/km	kg/km
0481 001	Yn-YTKSXekp	8x(1x2x0,4c)	14.5	28.8	175.0
0481 003	Yn-YTKSXekp	24x(1x2x0,4c)	23.9	86.9	523.0

Other diameters and pair counts available on request.

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