



ISO 9001:2015

YSLYCY

*PVC Insulated, Screened, PVC Sheathed Flexible Control cables
Ref. TSE K 373*

Application :

In places where electro-magnetic interference and influence exists , Instrumentation and control engineering, industrial electronics, in machine production as a measurement and control cable, production and assembly lines, dry, moist and wet places, in places where low mechanical stresses exist

Construction :

<i>Conductor</i>	Plain stranded copper wire IEC 60228; DIN VDE 0295 class 5
<i>Insulation</i>	PVC compound
<i>Insulation colours</i>	
<i>Up to 5 cores</i>	Acc.to HD 308 Blue, Brown, Black, Grey, G/Y or Blue, Brown, Black, Grey, Black
<i>Above 5 cores</i>	Black cores, white numbered TS EN 50334 -JZ - with Green/yellow core -OZ - without Green/yellow core
<i>Stranding</i>	Cores stranded in layers
<i>Inner sheath</i>	PVC compound TM2 - TS EN50363-4-1 / Grey
<i>Overall Screening</i>	Tinned copper wire braiding (Coverage %65)
<i>Outer sheath</i>	PVC compound TM2 - TS EN50363-4-1
<i>Outer sheath colour</i>	Grey RAL 7001

Technical data (20°C) :

<i>Rated voltage</i>	300/500 V				
<i>Temp.range (Fixed)</i>	-30°C/+70°C				
<i>Temp.range (Flexing)</i>	-5°C/+70°C				
<i>Test voltage</i>	2,0 kV AC 5 min.				
<i>Insulation resistance</i>	min. 20 MΩkm				
<i>min. Bending Radius</i>	10xD				
<i>Cross section (mm²)</i>	0,50	0,75	1,0	1,5	2,5
<i>Conductor</i>	16x0,19	24x0,19	32x0,19	27x0,25	45x0,25
<i>Insulation thickness (mm)</i>	0,40	0,40	0,40	0,40	0,50
<i>Conductor resistance - max.(Ω/km)</i>	39,0	26,0	19,5	13,3	7,98
<i>Flame retardance</i>	IEC 60332-1				

*number of cores x
cross section*

*Copper
weight*

*Outer
diameter*

*Approx.
weight*

	<i>kg/km</i>	<i>mm</i>	<i>kg/km</i>
2x0,75	22,4	5,2	7,3
12x0,75	98,5	13,4	280
2x1,0	27,0	7,6	93,0
3x1,0	36,3	8,4	110,0
2x1,5	35,5	8,5	110,0
4x1,5	62,3	10,0	165,0
4x16	613,9	24,5	1200

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