YSLYCY-JB, -OB

Adapted to DIN VDE 285, DIN VDE 50525

PVC insulated and transparent PVC sheathed flexible control cable

Construction:	
Conductors:	annealed copper flexible conductor, class 5 acc. to DIN VDE 0295
Insulation:	special PVC compound
Core identification:	**-JB, -OB:** all cores coloured acc. to Voltrim JB/OB colour code
Taping and screening:	tinned copper braided screen (approx. 85% coverage)
Outer sheath:	special PVC compound
Colour of outer sheath:	transparent

Characteristic:	
Nominal Voltage:	300/500 V up to 1,5 mm^2, 450/750 V from 2,5 mm^2
Test voltage 50Hz:	4000 V
Temperature range:	flexing: -15°C to +80°C fixed: -40°C to +80°C
Minimum bending radius:	free movement: 10 x cable ∅ fixed installation: 5 x cable ∅
Flame propagation:	acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2
Standard length cable packing:	500 m or 1000 m on drums. Other forms of packing and delivery are available on request.

Application:

For use as a data control cable in machinery, computer systems etc. As well as a signal cable for electronics. The high level of screening ensures a high degree of interference protection. The screening density assures disturbancefree transmission of all signals and impulses. The PVC inner sheaths of those cables raise the mechanical stress. The applied clear transparent PVC outer sheath accentuates the optical view of the tinned coppper braid.

Number and nominal cross-sectional area of conductors	Approximate overall diameter	Approximate net weight of copper	Approximate net weight of cables
n x mm^2	mm	kg/km	kg/km
2 x 0.5	7,0	41,0	67,0
3 x 0.5	7,3	45,0	83,0
4 x 0.5	7,9	54,0	94,0
5 x 0.5	8,4	66,0	108,0
2 x 0.75	7,7	46,0	87,0
3 x 0.75	8,0	57,0	98,0
4 x 0.75	8,5	63,0	113,0
5 x 0.75	9,3	76,0	130,0

2	x	1	8,0	54,0	97,0
3	x	1	8,3	64,0	103,0
4	x	1	9,0	76,0	146,0
5	x	1	9,7	89,0	169,0
2	x	1.5	8,6	64,0	130,0
3	x	1.5	9,2	82,0	152,0
4	x	1.5	9,8	99,0	168,0
5	x	1.5	10,8	123,0	202,0
2	x	2.5	11,1	110,0	180,0
3	x	2.5	11,6	148,0	216,0
4	x	2.5	12,7	169,0	267,0
5	x	2.5	14,1	220,0	347,0
2	x	4	13,3	124,0	302,0
3	x	4	14,0	178,0	340,0
4	x	4	15,3	234,0	410,0
5	x	4	16,7	284,0	502,0
2	x	6	14,7	176,0	350,0
3	x	6	15,6	245,0	450,0
4	x	6	17,0	316,0	559,0
5	x	6	18,6	442,0	702,0
2	x	10	18,0	260,0	500,0
3	x	10	19,0	367,0	750,0
4	x	10	21,1	549,0	1020,0
5	x	10	23,1	604,0	1115,0
4	x	16	25,3	807,0	1380,0
5	x	16	28,0	940,0	1553,0
4	x	25	31,1	1169,0	1890,0
5	x	25	34,3	1420,0	2270,0
4	x	35	33,9	1680,0	2390,0