

YSLCY 300/500 V - Multicore, flexible, PVC insulated and PVC sheathed screened control cables



Application

Indoor applications, domestic appliances in conduits, laying in trench or in cable ducts; fix installation

Global data

Standard	PRDS 01/2010 internal specification based on EN 50525-2-51 standard, except for reduced wall thickness and the normal TM2 outersheath material
Type designation	YSLCY

Design features

Conductor	Flexible copper conductor IEC 60228 cl.5
Insulation	PVC insulation
Separator	PET tape
Overall screen	Braided tinned copper wire screen
Outer sheath	PVC outersheath
Available colours	Gray
Marking	YSLCY-J 5 x 2,5 300/500 V

Electrical parameters

Rated voltage	300/500 V
Test voltage (AC)	2,5 kV

Chemical parameters

Performance against fire	EN 60332-1
Lead Free	Yes

Thermal parameters

Max. operating temperature of conductor	70 °C
Max. operating temperature of the conductor	90 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω /km	Delivery length m
2x0,5	5.5	47	39	500, 1000
2x0,75	6.1	56	26	500, 1000
2x1	6.4	66	19.5	500, 1000
2x1,5	7	78	13.3	500, 1000
2x2,5	8.4	112	7.98	500, 1000
2x4	9.5	148	4.95	500, 1000
2x6	11.4	214	3.3	500, 1000
3x0,5	5.8	55	39	500, 1000
3x0,75	6.3	66	26	500, 1000
3x1	6.7	78	19.5	500, 1000
3x1,5	7.5	95	13.3	500, 1000
3x2,5	9.1	147	7.98	500, 1000
3x4	10.8	211	4.95	500, 1000
3x6	12.2	287	3.3	500, 1000
4x0,5	6.4	67	39	500, 1000
4x0,75	6.8	80	26	500, 1000
4x1	7.2	89	19.5	500, 1000
4x1,5	8.1	121	13.3	500, 1000
4x2,5	9.8	180	7.98	500, 1000
4x4	11.5	256	4.95	500, 1000
4x6	13.9	378	3.3	500, 1000
4x10	17.3	601	1.91	500, 1000
4x16	20.4	864	1.21	500, 1000
4x25	24.5	1305	0.78	500, 1000
4x35	29.2	1790	0.554	500, 1000
5x0,5	6.9	80	39	500, 1000
5x0,75	7.6	100	26	500, 1000
5x1	8	116	19.5	500, 1000
5x1,5	9	152	13.3	500, 1000
5x2,5	10.9	226	7.98	500, 1000
5x4	12.7	322	4.95	500, 1000
5x6	15	450	3.3	500, 1000
5x10	18.7	724	1.91	500, 1000
5x16	22.6	1095	1.21	500, 1000
5x25	26.9	1614	0.78	500, 1000
7x0,5	7.6	103	39	500, 1000
7x0,75	8.2	120	26	500, 1000
7x1	8.7	139	19.5	500, 1000
7x1,5	9.8	188	13.3	500, 1000
7x2,5	12	292	7.98	500, 1000
7x4	14.2	434	4.95	500, 1000
7x6	16.6	589	3.3	500, 1000
12x0,5	9.5	150	39	500, 1000
12x0,75	10.4	189	26	500, 1000
12x1	11.4	233	19.5	500, 1000
12x1,5	13	313	13.3	500, 1000
12x2,5	15.8	488	7.98	500, 1000
18x0,5	11.4	220	39	500, 1000

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω /km	Delivery length m
18x0,75	12.6	283	26	500, 1000
18x1	13.8	363	19.5	500, 1000
18x1,5	15.4	455	13.3	500, 1000
18x2,5	18.9	716	7.98	500, 1000
25x0,5	13.8	313	39	500, 1000
25x0,75	14.8	389	26	500, 1000
25x1	16.2	481	19.5	500, 1000
25x1,5	17.7	589	13.3	500, 1000