



• Application

CY Cable is used in applications requiring interference-free transmission, thanks to its multi-core flex, tinned copper wire braid (TCWB), and polyethylene terephthalate (PET) separator. These components shield the cable from external electromagnetic influences that could degrade accurate signal transmission. The TCWB and PET also provide protection against light mechanical stress.

• Performance

Voltage Rating: 300/500V

Temperature Rating:

Fixed: -40°C to +80°C

Flexed: -5°C to +70°C

Minimum Bending Radius:

Fixed: 6 x overall diameter

Flexed: 15 x overall diameter

Features: High oil-resistance, Abrasion and notch-resistant, EMC-compliant

Flame Retardant: According to IEC/EN 60332-1-2 Standard

• Construction

Conductor: Class 5 flexible plain copper

Sheath:

Veriflex CY LSZH cable:

HSLH-OZ - LSZH sheathed cable with black numbered cores

HSLH-JZ - LSZH sheathed cable with black numbered cores and G/Y earth

HSLH-OB - LSZH sheathed cable with colored cores

HSLH-JB - LSZH sheathed cable with colored cores including G/Y earth

Veriflex CY PVC cable:

YSLY-OZ - PVC sheathed cable with black numbered cores

YSLY-JZ - PVC sheathed cable with black numbered cores and G/Y earth

YSLY-OB - PVC sheathed cable with colored cores

YSLY-JB - PVC sheathed cable with colored cores including G/Y earth

Core Identification

Single core: Blue

2 core: Brown & Blue

3 core: Brown, Blue & Green/Yellow

4 core: Brown, Grey, Black & Green/Yellow

5 core: Brown, Blue, Grey, Black & Green/Yellow

7 core and above: Black cores with white number including Green/Yellow

• Specification

-DIN VDE 0207 Standard CY PVC YSLCY CY LSZH HSLCH Control Cable

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.

CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

CY PVC (YSLCY) Control Cable Physical Performance					
No. of Cores	Nominal Cross Section Area	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Nominal Overall Dia.	Nominal Weight
-	mm ²	mm	mm	mm	kg/km
2	0.5	0.4	0.8	5.4	41
2	0.75	0.4	0.9	6.1	52
2		0.4	0.9	6.5	60
2	1.5	0.4	0.9	7.1	74
3	0.5	0.4	0.8	5.8	51
3	0.75	0.4	0.9	6.4	65
3	1	0.4	0.9	6.8	76
3	1.5	0.4	0.9	7.5	98
3	2.5	0.5	1	9	146
4	0.5	0.4	0.8	6.2	64
4	0.75	0.4	0.9	6.9	82
4		0.4	0.9	7.4	96
4	1.5	0.4	0.9	8.1	122
4	2.5	0.5	1.1	10	190
4	4	0.6	1.2	11.9	283
4	6	0.65	1.3	13.5	386
4	10	0.75	1.5	17.1	630
4	16	0.75	1.6	20.4	910
4	25	0.9	1.8	24.4	1364
4	35	0.95	1.9	28	1814
5	0.5	0.4	0.8	6.7	77
5	0.75	0.4	0.9	7.4	97
5	1	0.4	0.9	8	116
5	1	0.4	1	9	152
5	2.5	0.5	1.1	10.8	228
5	4	0.6	1.2	12.9	332
5	6	0.65	1.3	14.8	457
5	10	0.75	1.5	18.7	749
5	16	0.75	1.7	22.6	1125
5	25	0.9	1.9	27	1683
7	0.5	0.4	0.8	7.2	93
7	0.75	0.4	0.9	8	121
7	1	0.4	1	8.8	148
7	1.5	0.4	1	9.7	191
7	2.5	0.5	1.1	11.7	290

● Technical Parameters

No. of Cores	Nominal Cross Section Area	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Nominal Overall Dia.	Nominal Weight
-	mm ²	mm	mm	mm	kg/km
12	0.5	0.4	1	9.6	154
12	0.75	0.4	1	10.4	193
12	1	0.4	1.1	11.4	236
12	1.5	0.4	1.2	12.9	315
18	0.75	0.4	1.2	12.4	281
18	1	0.4	1.2	13.4	339
18	1.5	0.4	1.3	15.1	452
25	0.75	0.4	1.3	14.8	331
25	1	0.4	1.3	16	461
25	1.5	0.4	1.4	18.1	616

Electrical Performance		
Nominal Cross Section Area	Current Carrying Capacities 30°C Continuous Loading	Max. Resistance of Conductor at 20°C
mm ²	A	Ω/km
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.78
35	135	0.554

● Technical Parameters

CYLSZH (HSLCH) Control Cable Physical Performance					
No. of Cores	Nominal Cross Section Area	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Nominal Overall Dia.	Nominal Weight
-	mm ²	mm	mm	mm	kg/km
2	0.5	0.4	0.6	5	35
2	0.75	0.4	0.6	5.5	45
2	1	0.4	0.7	6.1	56
2	1.5	0.4	0.7	6.7	69
3	0.5	0.4	0.6	5.4	48
3	0.75	0.4	0.7	6	61
3	1	0.4	0.7	6.4	71
3	1.5	0.4	0.7	7.1	90
3	2.5	0.5	0.8	8.6	136
4	0.5	0.4	0.7	6	61
4	0.75	0.4	0.7	6.5	75
4	1	0.4	0.7	7	89
4	1.5	0.4	0.7	7.7	114
4	2.5	0.5	0.8	9.4	173
4	4	0.6	1	11.5	260
4	6	0.65	1.1	13.1	358
4	10	0.75	1.3	16.7	593
4	16	0.75	1.5	19	852
4	25	0.9	1.6	23.5	1274
4	35	0.95	1.7	26.9	1686
5	0.5	0.4	0.7	6.5	73
5	0.75	0.4	0.7	7	89
5	1	0.4	0.7	7.6	107
5	1.5	0.4	0.8	8.6	142
5	2.5	0.5	0.9	10.4	216
5	4	0.6	1.1	12.7	325
5	6	0.65	1.2	14.6	449
5	10	0.75	1.4	18.5	738
5	16	0.75	1.5	20.9	1050
5	25	0.9	1.7	26.1	1588
7	0.5	0.4	0.7	7	89
7	0.75	0.4	0.7	7.6	112
7	1	0.4	0.8	8.4	139
7	1.5	0.4	0.8	9.3	180
7	2.5	0.5	1	11.5	283

● Technical Parameters

No. of Cores	Nominal Cross Section Area	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Nominal Overall Dia.	Nominal Weight
-	mm ²	mm	mm	mm	kg/km
12	0.5	0.4	0.8	9.2	143
12	0.75	0.4	0.8	10	181
12	1	0.4	1	11.2	230
12	1.5	0.4	1.1	12.7	307
18	0.75	0.4	1.1	12.2	274
18	1	0.4	1.1	13.2	331
18	1.5	0.4	1.2	14.9	443
25	0.75	0.4	1.2	14.6	367
25	1	0.4	1.2	15.8	444
25	1.5	0.4	1.3	17.9	596

Electrical Performance		
Nominal Cross Section Area	Current Carrying Capacities 30°C Continuous Loading	Max. Resistance of Conductor at 20°C
mm ²	A	Ω/km
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.78
35	135	0.554