

YSLY-CY HSLH-CH

Cu/PVC/PVC double sheath screened



TECHNICAL FEATURES

Operating temperature	Fixed -40 °C ÷ +80 °C / mobile use -5 °C ÷ +80 °C
Operating voltage	300/500 V
Testing voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp. IEC 60228
Conductor material	Bare copper flexible
Conductor class	Class 5 DIN VDE 0295 resp. IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Outer sheath material	Thermoplastic material based PVC (quality TM2)
Screening	Tin copper braid coverage > 80%
Core identification	Black, white numbered (with Y/G on request)
Colour outer sheath	Grey RAL 7001
Printing	To be defined
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	10 x cable Ø
Other versions	HSLH-CH Low smoke zero halogen

APPLICATION

Screened double sheath cables, suitable for fixed and mobile installations. Used for signal and control connections against electromagnetic interference. Recommended for indoor use.

SPECIAL FEATURES

PVC self-extinguishing and flame retardant, according to EN 50265-2-1 / IEC 60332-1

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Section	Nom. O.D.	Copper weight	Approx. Cable weight	Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²	mm	kg/km	kg/km	mm ²	mm	kg/km	kg/km
2x0,5	7,0	41,0	80	2x1,5	8,5	77,0	127
3x0,5	7,3	45,5	88	3x1,5	8,9	85,0	146
4x0,5	7,9	55,0	104	4x1,5	9,5	100,0	170
5x0,5	8,4	66,0	118	5x1,5	10,4	120,0	203
7x0,5	9,0	80,5	136	7x1,5	11,3	162,0	249
12x0,5	11,3	133,0	203	12x1,5	14,7	267,0	395
18x0,5	13,3	156,4	281	18x1,5	17,1	389,0	549
25x0,5	15,2	241,0	367	25x1,5	20,1	535,0	757
34x0,5	17,2	288,0	471	34x1,5	22,5	702,0	976
2x0,75	7,4	45,0	92	2x2,5	9,7	96,0	172
3x0,75	7,9	52,0	107	3x2,5	10,2	121,0	201
4x0,75	8,4	64,0	122	4x2,5	11,3	163,0	250
5x0,75	9,0	77,4	139	5x2,5	12,6	199,0	305
7x0,75	9,7	92,0	166	7x2,5	13,9	261,0	385
12x0,75	12,3	177,0	253	12x2,5	17,4	470,0	581
18x0,75	14,5	243,0	352				
25x0,75	16,6	307,3	462	4x4	13,3	238,0	357
34x0,75	19,0	420,0	615	5x4	14,6	279,0	427
2x1,0	7,9	50,0	106	4x6	15,7	318,0	501
3x1,0	8,2	65,3	120	5x6	17,2	387,0	600
4x1,0	8,8	78,1	138				
5x1,0	9,5	90,0	161	4x10	19,0	558,0	762
7x1,0	10,2	113,3	193	5x10	20,8	674,0	915
12x1,0	13,3	194,0	307				
18x1,0	15,4	286,0	420	4x16	22,2	804,0	1104
25x1,0	17,5	388,5	545	5x16	24,3	977,0	1330
34x1,0	20,3	516,0	743				

The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tolerances on weights and diameters ± 5%.