



HALLEY CABLES

NLSCY 70° C

Control Cables 300 V

PVC insulated, screened, PVC sheathed cable



Construction:

Conductor	: flexible copper wires, class 5.
Insulation	: PVC compound, TI2.
Core identif.	: according to DIN EN 50334 black cores with white numerals.
Lay-up	: cores laid up in layers of optimum pitch.
Separator	: polyester tape.
Screen	: braid of tinned copper wires, 85% coverage.
Outer sheath	: PVC compound, TM2.
Sheath colour	: RAL 7001, grey.

Technical data and tests:

Rated voltage U _o /U	: 300/300 V.
Test voltage	: 2000 V.
Temperature range	: operation : - 40° C ~ + 70° C; installation : - 5° C ~ + 70° C.
Insulation resistance	: min. 20 MΩ/km.
Min. bending radius	: fixed : 6 x D. mobile : 15 x D.

EMC* - electromagnetic compatibility.

Standards:

Design	: VDE 0245-201.
Conductor	: IEC 60228 class 2, DIN EN 60228 class 2.
Flame retardance	: IEC 60332-1 & EN 50265-2-1.

Applications:

These screened, flexible and reduced diameter cables are used in mechanical engineering for instrumentation and control equipment in tooling machinery, production lines and flexible applications which require free movement without tensile load. The screen protects against external pulses and ensures an interference-free transmission. These cables should not be used for outdoor or underground installation.

Any other construction available upon request.





HALLEY CABLES

NLSCY 70° C

Control Cables 300 V

PVC insulated, screened, PVC sheathed cable

www.halleycables.com

DIMENSIONS

No. of cores x cross section mm ²	Approx. outer diameter mm	Copper weight kg/km	Approx. cable weight kg/km
0,50 mm ²			
2x0,50	5,2	25	35
3x0,50	5,5	30	45
4x0,50	6,2	35	60
5x0,50	6,6	40	70
7x0,50	7,9	55	100
12x0,50	9,4	85	135
18x0,50	10,9	120	190
25x0,50	13,2	160	255
0,75 mm ²			
2x0,75	5,5	30	40
3x0,75	6,1	40	60
4x0,75	6,5	45	70
5x0,75	7,2	55	85
7x0,75	8,3	70	120
12x0,75	10,0	115	175
18x0,75	11,7	160	240
25x0,75	14,5	210	325
1,0 mm ²			
2x1	6,0	35	50
3x1	6,4	45	65
4x1	7,4	55	80
5x1	7,7	70	105
7x1	8,9	85	145
12x1	10,9	145	195
18x1	12,8	210	300
25x1	15,5	295	405
1,5 mm ²			
2x1,5	7,1	50	60
3x1,5	7,6	65	95
4x1,5	8,2	80	115
5x1,5	9,1	95	145
7x1,5	10,5	130	195
12x1,5	12,8	215	290
18x1,5	15,5	300	425
25x1,5	18,2	400	560

Any other construction available upon request.



NLSCY 70° C