



## Novotronic LiHCH

Halogen free copper shielded electronic cable

### Specification

STANDARD	VDE 0295, DIN 47 100
RATED VOLTAGE UO/U CONTROL CORES	300V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Halogen free special compound
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
FABRIC LAPPING	Plastic foil
OUTER SHEATH	Halogen free special compound
SHEATH COLOUR	Grey
BENDING RADIUS FIXED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+70°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	1200V
INSULATION RESISTANCE	≥20 MOhm x km
CAPACITANCE	<70nF/km (Core/Core)
HALOGEN-FREE / SMOKE EMISSION	IEC 60 754-1 & IEC 60 754-2
FLAME RETARDANT	IEC 60332-1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
4855000	2x0,25	4.5	2
4855010	3x0,25	4.6	2.5
4855020	4x0,25	4.7	3.4
4855050	5x0,25	5.3	4.1
4855030	7x0,25	5.7	4.9
4855040	12x0,25	7.5	8.2
N8151180	18x0,25	9	12
N8151250	25x0,25	10.3	14.6
N8152020	2x0,34	5	2.8
N8152050	5x0,34	6.2	4.9
N8152100	10x0,34	9	10.3
N8152120	12x0,34	9.2	11.4
N8152140	14x0,34	9.5	13.5
N8152160	16x0,34	10	14
N8152250	25x0,34	12.5	21
4855200	2x0,50	5.2	3.2
4855210	3x0,50	5.5	4.1
4855220	4x0,50	6.2	4.9
4855230	5x0,50	7	6
4855240	7x0,50	7.4	7.6
N8153100	10x0,50	9.4	12.1
N8153180	18x0,50	11.1	19
4855100	2x0,75	5.9	4
4855110	3x0,75	6.3	5.8
4855120	4x0,75	7.2	7.2
4855150	5x0,75	7.6	9
4855130	7x0,75	8.5	11.5
4855140	12x0,75	11.2	18
N8154180	18x0,75	12.7	33
N8154190	25x0,75	15.5	45
N8154300	2x1	6.5	7.2
N8154310	3x1	7	9
N8154320	4x1	7.5	10.9
N8154330	5x1	8.2	12.6

N8154340	7x1	8.8	17.1
N8156020	2x1,5	7.7	9
N8156030	3x1,5	8	11.5
N8156040	4x1,5	8.7	15.3
N8156050	5x1,5	9.5	17.6
N8156060	7x1,5	10.7	22