



## Novotronic LiYCY-TP

**PVC-sheathed copper shielded electronic cable with twisted pairs**

### Specification

STANDARD	VDE 0295, DIN 47 100
RATED VOLTAGE UO/U CONTROL CORES	≤1,5mm <sup>2</sup> 300V, ≥2,5mm <sup>2</sup> 500V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PVC
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
FABRIC LAPPING	Foil
OVERALL SHIELD	Braided tinned copper wire
OUTER SHEATH	PVC
SHEAT COLOUR	Grey RAL 7032
BENDING RADIUS FIXED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	< 2,5mm <sup>2</sup> 800V, > 2,5mm <sup>2</sup> 1200V
INSULATION RESISTANCE	≥20 MOhm x km
FLAME RETARDANT	IEC 60332-1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
4854310	2x2x0,14	5.8	2.7
4854320	3x2x0,14	6.2	3
4854330	4x2x0,14	6.8	3.6
4854350	6x2x0,14	7.9	8.1
N7890080	8x2x0,14	8.6	9.3
4854380	10x2x0,14	9.5	9.9
4854400	12x2x0,14	9.5	7.9
N7890160	16x2x0,14	11.2	14.8
4854450	20x2x0,14	11.6	19.3
N7890250	25x2x0,14	13.4	22
4854800	2x2x0,25	5.7	3.4
4854810	3x2x0,25	6.6	6.4
4854820	4x2x0,25	7.5	4.7
4854830	5x2x0,25	8.2	5.5
4854840	6x2x0,25	9.1	9.8
N7891080	8x2x0,25	9.4	11.8
4854860	10x2x0,25	11.4	13.5
4854870	12x2x0,25	11.3	19
N7891160	16x2x0,25	13.4	21.4
N7891200	20x2x0,25	14.8	26.3
N7891250	25x2x0,25	15.8	31
N7892020	2x2x0,34	6	4.2
N7892030	3x2x0,34	8.1	4.9
N7892040	4x2x0,34	8.2	9
N7892060	6x2x0,34	9.9	13
N7892080	8x2x0,34	10.5	9.8
4854600	2x2x0,5	7	7.4
4854610	3x2x0,5	8.8	9.8
4854620	4x2x0,5	9.5	11.8
4854630	6x2x0,5	11.3	16.2
4854640	8x2x0,5	12.3	19
4854660	12x2x0,5	15.1	29.1
4854670	16x2x0,5	16.7	36.4
N7893200	20x2x0,5	17.9	46.3

4854690	24x2x0,5	21.1	55.6
4854700	2x2x0,75	7.6	8.3
4854710	3x2x0,75	10	13
4854720	4x2x0,75	10.4	14.8
4854730	6x2x0,75	12.8	22.4
4854740	8x2x0,75	13.8	27.6
4854750	12x2x0,75	17	38.4
N7895020	2x2x1,0	10.5	13.5
N7895030	3x2x1,0	10.6	16
N7895040	4x2x1,0	11	19.7