



## Novoflex HEAVY PUR-C-HF/90

PUR-sheathed copper shielded (EMC) trolley cable

### Specification

STANDARD	DIN VDE 0295 cl. 5, VDE 0250
RATED VOLTAGE U <sub>0</sub> /U	0,6/1kV
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Polyester
CORE IDENTIFICATION	Numerals, ≤5 cores: Colour coded
PROTECTIVE CONDUCTOR	Yellow/Green
INNER SHEATH MATERIAL	PUR
OVERALL SHIELD	Braided tinned copper wire
SUPPORTING ELEMENT	Textile braid
OUTER SHEATH	PUR
SHEATH COLOUR	Black
BENDING RADIUS FIXED	6 x cable diameter
BENDING RADIUS MOVED	6 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-50°C
MAX OPERATING TEMPERATURE FIXED	+90°C
MIN OPERATING TEMPERATURE MOVED	-40°C
MAX OPERATING TEMPERATURE MOVED	+90°C
TESTING VOLTAGE	2500V
MAX TEMPERATURE AT CONDUCTOR	+90°C

**TENSILE STRENGTH**

 15 N/mm<sup>2</sup>
**FLAME RETARDANT**

IEC 60332-1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIMENSIONS (MIN - MAX) MM	WEIGHT KG/100M
N8879710	4x(2x1)	15.3-16.5	31
N8871040	4G1,5	10.8-12.0	24
N8871050	5G1,5	10.9-12.1	22.5
N8879810	3x(2x1,5)	16.5-17.8	36
0261900	7G1,5	10.9-12.1	19.2
N8879910	4x(2x1,5)	17.2-18.5	38.5
0261910	12G1,5	15.0-16.2	35
0261920	18G1,5	15.0-16.2	42
N8872040	4G2,5	12.1-13.2	25
0261930	5G2,5	12.8-14.0	28
0261940	12G2,5	17.4-18.6	53
N8872180	18G2,5	17.5-18.8	65
N8873040	4G4	13.6-14.7	33
N8873050	5G4	13.8-15.0	34.5
0261950	4G6	15.1-16.3	42
0261960	4G10	18.4-19.6	64
N8874160	4G16	21.2-22.5	94
N8874250	4G25	24.5-26.2	137
N8874350	4G35	29.6-31.6	188
N8874500	4G50	35.1-37.6	255
N8877010	1x25	10.3-11.5	33
N8878010	1x35	12.3-13.5	43
N8879010	1x50	15.4-16.6	61
N8879110	1x70	17.0-18.3	81
N8879210	1x95	18.9-20.1	103
N8879310	1x120	21.4-22.8	132
N8879410	1x150	23.1-24.5	165
N8879510	1x185	25.5-27.2	200
N8879610	1x240	28.7 - 29.9	262