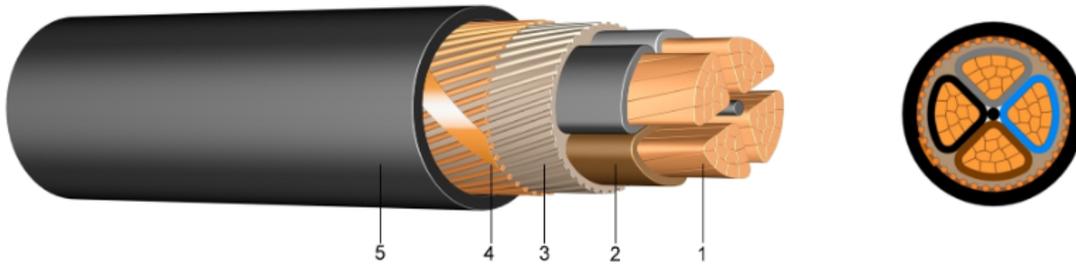


NYCWY 0.6/1kV PVC Insulated Cable



Construction

- Conductor: Class 1 solid or Class 2 stranded copper
- Insulation: PVC (Polyvinyl chloride)
- Bedding: PVC (Polyvinyl chloride)
- Concentric Conductor: Copper Wires and Copper Tape
- Outer Sheath: PVC (Polyvinyl chloride), Black

Applications

NYCWY cables can be used in a wide range of installation conditions, including direct installation inside walls, in water or under the ground, as well as through conduit wiring. NYCWY cables are particularly suitable for underground installations, industrial plants, city grids and power stations. They maintain good performance even under conditions of mechanical stress.

Standards

- Design Specification: DIN VDE 0276-603 (Part 3G) & HD 603 S1.
- Flame Retardancy: IEC 60332-1-2 & DIN VDE 0482-332-1-2.
- Insulation & Sheath: IEC 60502-1
- Environmental: RoHS 3 & REACH Compliant.



Specification

Voltage rating (U ₀ /U)	0.6/1 kV
Test Voltage	4KV
Permissible operating temperature of the conductor	+70°C
Max. temperature during short circuit (≤5S)	160°C
Cable laying temperature (not less than)	-5°C
Min. Bending radius	15x

Technical Data

Number of cores and nominal cross section (mm ²)	Copper Weight (kg/km)	Overall diameter appr. (mm)	Cable weight appr. (kg/km)
3 x 10 RE/ 10	425,0	20	760,0
3 x 16 RE/ 16	670,0	22	1040,0
3 x 25 RM/ 16	940,0	26	1490,0
3 x 25 RM/ 25	1045,0	26	1580,0
3 x 35 SM/ 16	1240,0	27	1800,0
3 x 35 SM/ 35	1460,0	29	1880,0
3 x 50 SM/ 25	1795,0	30	2260,0
3 x 50 SM/ 50	2083,0	31	2460,0
3 x 70 SM/ 35	2510,0	33	3060,0
3 x 70 SM/ 70	2913,0	34	3310,0
3 x 95 SM/ 50	3433,0	38	4080,0
3 x 95 SM/ 95	3949,0	40	4510,0
3 x 120 SM/ 70	4413,0	42	5040,0
3 x 120 SM/120	4985,0	43	5490,0
3 x 150 SM/ 70	5313,0	46	6040,0
3 x 150 SM/150	6219,0	47	6750,0
3 x 185 SM/ 95	6649,0	51	7510,0
3 x 240 SM/120	8585,0	57	9640,0
4 x 10 RE/ 10	525,0	21	890,0
4 x 16 RE/ 16	829,0	23	1240,0
4 x 25 RM/ 16	1190,0	28	1800,0
4 x 35 SM/ 16	1590,0	28	2130,0
4 x 50 SM/ 25	2295,0	33	2870,0
4 x 70 SM/ 35	3210,0	36	3870,0
4 x 95 SM/ 50	4383,0	43	5303,0
4 x 120 SM/ 70	5613,0	46	6380,0
4 x 150 SM/ 70	6813,0	51	7730,0
4 x 185 SM/ 95	8499,0	57	9770,0
4 x 240 SM/120	10913,0	64	12540,0