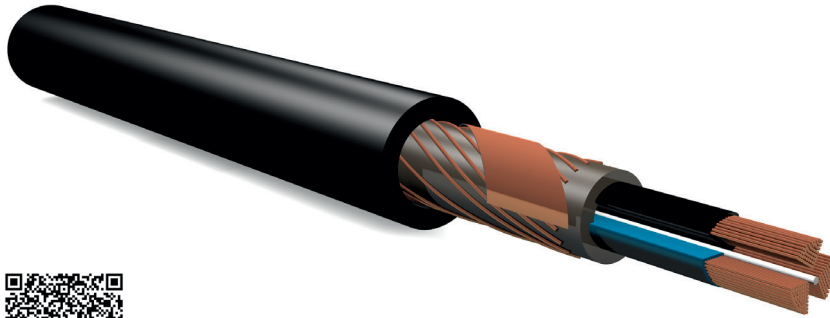


# NYCWY

## Power cable 0.6/1kV

RoHS

### CROSS SECTION



Acc. to VDE 0276-603

## APPLICATION

Distribution, connection and installation cables in power plants, industrial plants and distribution networks. These cables fulfil the requirements established in IEC 60502-1. Power supply cables for use outdoors, underground, in water, in concrete, indoors and in cable ducts for power plants, industrial plants, switchgears and local networks. Anywhere that increased electrical and mechanical protection is required. The cable is flame retardant according to DIN EN 50265-1 and DIN EN 50265-2-1.

## STRUCTURE

<b>Conductor</b>	Copper conductor, round, single-cored (RE) or round, multi-cored, compressed (RM) or sector-shaped, multi-cored (SM)
<b>Concentric conductor</b>	Round copper wires between the core covering and outer sheath, counter helix over the copper wires
<b>Cores</b>	Polyvinyl chloride (PVC) insulation 3-cored: brown, black, grey 4-cored: blue, brown, black, grey Extruded
<b>Outer sheath</b>	Polyvinyl chloride (PVC); black

## TECHNICAL DATA

<b>Nominal voltage</b>	600 V/1000 V
<b>Test voltage</b>	4000 V
<b>Temperature range</b>	Lowest installation temperature -5°C
<b>Permissible conductor temperature</b>	During uninterrupted operation +70°C
<b>Minimum bending radius</b>	12 x cable diameter
<b>During short circuits up to 5 secs at</b>	< 300 mm <sup>2</sup> +160°C
<b>Flame retardancy</b>	DIN EN 60332-1, DIN EN 60332-1-2

### SPECIAL FEATURES

**Properties**  
UV resistant

**Sheath colour**  
Black

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
NYCWY	3x10 RE/10	408.0	19.0	750	106853010A
NYCWY	3x16 RE/16	643.0	22.0	1050	106853016B
NYCWY	3x25 RM/25	1003.0	28.0	1600	106853025C
NYCWY	3x35 SM/16	1190.0	29.0	1700	106853035B
NYCWY	3x50 SM/25	1723.0	31.0	2300	106853050C
NYCWY	3x70 SM/35	2410.0	34.0	2900	106853070D
NYCWY	3x95 SM/50	3296.0	40.0	4000	106853095E
NYCWY	3x35 SM/35	1402.0	30.0	1700	106853035D
NYCWY	3x50 SM/50	2000.0	32.0	2000	106853050E
NYCWY	3x70 SM/70	2796.0	35.0	2900	106853070F
NYCWY	3x95 SM/95	3791.0	42.0	4000	106853095G
NYCWY	3x120 SM/70	4236.0	42.0	5000	106853120F
NYCWY	3x150 SM/70	5100.0	47.0	6000	106853150F
NYCWY	3x185 SM/95	6383.0	52.0	7500	106853185G
NYCWY	3x240 SM/120	8242.0	60.0	10000	106853240H
NYCWY	4x10 RE/10	504.0	21.0	870	106854010A
NYCWY	4x16 RE/16	796.0	24.0	1250	106854016B
NYCWY	4x25 RM/16	1142.0	30.0	1800	106854025B
NYCWY	4x35 SM/16	1526.0	31.0	2050	106854035B
NYCWY	4x50 SM/25	2203.0	34.0	2700	106854050G
NYCWY	4x70 SM/35	3082.0	40.0	375	106854070D
NYCWY	4x95 SM/50	4208.0	45.0	5000	106854095E
NYCWY	4x120 SM/70	5388.0	49.0	6300	106854120F
NYCWY	4x150 SM/70	6540.0	53.0	7600	106854150F
NYCWY	4x185 SM/95	8159.0	60.0	9350	106854185G