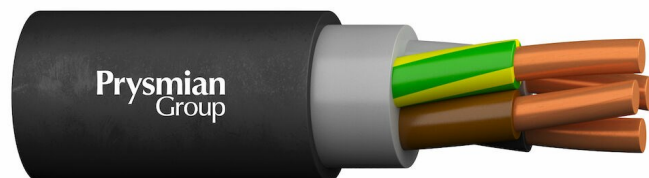


## YKY ZO 0,6/1KV CPR E

YKY 0,6/1kV - Power cables



Round power cable are designed for fixed installation, indoors and outdoors, in the ground and in concrete, UV resistant. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

### STANDARDS

# RoHS



IEC 60502-1

<PN-93 / E-90401>

EN 50363-3

EN 50363-3-4-1

EN 50575

EN 60332-1-2

General

Conductor

Compound

Compound

Fire performance

Fire performance

### CABLE-DESIGN

Conductor category

Class 1 = solid

Conductor material

Copper

Shape of conductor

Round

Core insulation material

Polyvinyl chloride (PVC)

Material outer sheath

Polyvinyl chloride (PVC)

### CHARACTERISTICS

Outdoor installation

Yes

Underground installation

Yes

Bending radius (rule)

12x D

### CHEMICAL PROPERTIES

Silicon free

Yes

Lead free

Yes

Mud resistant

Yes

UV resistant

Yes

Moisture resistance

Yes

## ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U <sub>0</sub> [V]	600
Nominal voltage U [V]	1,000
Test voltage [kV]	4
Rated voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/1 (1.2) kV
Max. conductor temperature [°C]	70
Laying temperature (min) [°C]	-5

## CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
3x4	Round	20271480	11.66	256	0.46
3x6	Round	20271747	13.13	344	0.69
4x4	Round	20271748	12.62	308	0.46
4x6	Round	20271749	14.27	419	0.69
4x10	Round	20208769	16.64	621	1.15
4x16	Round	20208770	18.81	879	1.84
5x2,5	Round	20271750	12.44	272	0.29
5x4	Round	20208773	13.68	362	0.46
5x6	Round	20208776	15.53	494	0.69
5x10	Round	20208778	18.18	738	1.15
5x16	Round	20208780	20.61	1,052	1.84