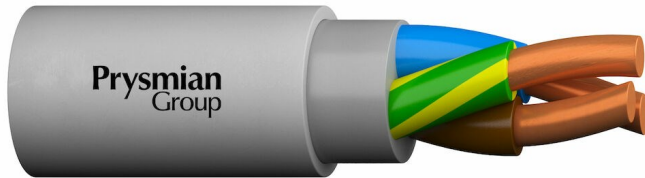


YDY ZO 450/750V CPR E

YDY zo 450/750V - Power cables



Round power cable designed for fixed especially indoor applications in air, and under plaster and for put in conduits. In case of outdoor installations laying in cable duct but protected from UV radiation. 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



<PN-E-90068>

<PN-E-90068>

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

Bending radius (rule)

6-12x D

CHEMICAL PROPERTIES

Silicon free

Yes

Lead free

Yes

ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Rated voltage U0/U (Um)	450/750 V
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]
3x2,5	Round	20206894	9.31	164	0.29
3x4	Round	20206896	10.73	232	0.46
4x1,5	Round	20206898	9.24	150	0.17
4x6	Round	20271745	13.1	381	0.69
5x1,5	Round	20206901	10.46	188	0.17
5x2,5	Round	20206902	11.46	247	0.29
5x4	Round	20206903	13.44	358	0.46
5x6	Round	20206904	14.75	470	0.69
5x10	Round	20206887	17.94	732	1.15