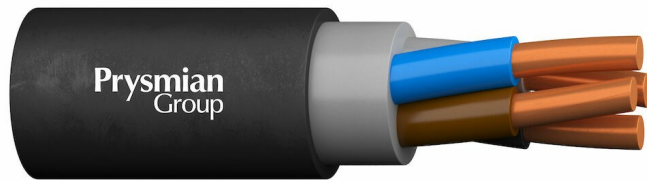


## CYKY-O 450/750V CPR E

CYKY 450/750 V - Building wires with PVC insulation and PVC sheath



Round PVC cable for fixed indoors and outdoors installation, under plaster, to the installation tubes, in the ground and in concrete. The cable is resistant to 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



ezü

ČSN 34 74 11

EN 50363-3

EN 50363-3-4-1

EN 50575

EN 60332-1-2

General

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)	6-12 x D

### CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes
UV resistant	Yes
Moisture resistance	Yes

## ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U <sub>0</sub> [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Rated voltage U <sub>0</sub> /U (U <sub>m</sub> )	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]
2x1,5	Round	20205466	6.75	81	0.17
2x2,5	Round	20205469	7.91	117	0.29
2x4	Round	20205795	8.9	160	0.46
2x6	Round	20205797	10.06	217	0.69
3x1,5	Round	20205915	7.13	96	0.17
3x2,5	Round	20205814	8.38	142	0.29
4x1,5	Round	20205827	7.78	117	0.17
4x2,5	Round	20205835	9.18	174	0.29
4x4	Round	20205837	10.37	243	0.46
4x6	Round	20205839	11.97	341	0.69
4x10	Round	20205821	14.65	541	1.15
4x16	Round	20205830	17.16	801	1.84
7x1,5	Round	20205862	9.23	178	0.17
7x2,5	Round	20205865	11.17	274	0.29
7x4	Round	20205867	12.65	387	0.46
7x6	Round	20278730	14.69	550	0.69
12x1,5	Round	20205890	12.28	289	0.17
12x4	Round	20205894	17.05	639	0.46