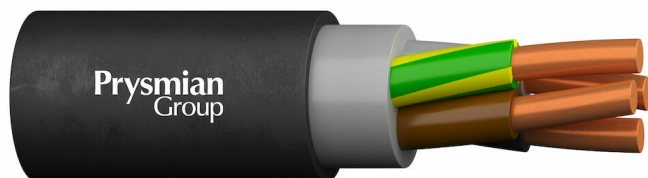


CYKY-J 450/750V CPR E

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.

Building Installations

STANDARDS

RoHS



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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 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]
3x1,5	Round	20205800	7.13	96	0.17
3x2,5	Round	20205815	8.38	142	0.29
3x4	Round	20205816	9.45	197	0.46
3x6	Round	20205818	10.9	275	0.69
3x10	Round	20205799	13.24	431	1.15
3x16	Round	20205928	15.35	630	1.84
4x1,5	Round	20205826	7.78	117	0.17
4x2,5	Round	20205833	9.18	174	0.29
4x4	Round	20205836	10.37	243	0.46
4x6	Round	20205838	11.97	341	0.69
4x10	Round	20205822	14.65	541	1.15
4x16	Round	20205829	17.16	801	1.84
5x1,5	Round	20205844	8.49	138	0.17
5x2,5	Round	20205851	10.15	209	0.29
5x4	Round	20205854	11.84	303	0.46
5x6	Round	20205858	13.36	414	0.69
5x10	Round	20205841	16.3	655	1.15
5x16	Round	20205848	19.15	975	1.84
7x1,5	Round	20205861	9.23	178	0.17
7x2,5	Round	20205864	11.17	274	0.29
7x4	Round	20205868	12.65	387	0.46
12x1,5	Round	20205889	12.28	289	0.17
19x1,5	Round	20205895	14.38	427	0.17
24x1,5	Round	20205899	17.25	547	0.17