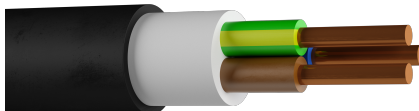


CYKY 450/750 V - Building wires with PVC insulation and PVC sheath



Application

Indoor application or outdoor, direct buried, in concrete, in trench or in ducts, protected from solar radiation.

Global data

Standard	TP-KB-03/02 (ČSN 34 7411)
Type designation	CYKY
Construction product regulation (CPR)	CPR acc. to DIN EN 50575, class and DoP-Code: see data table below DoP: see www.prysmiangroup.com/cpr

Design features

Conductor	Copper conductor
Insulation	PVC insulation
Inner Sheath	Extruded inner sheath
Outer sheath	PVC outersheath
Available colours	Black
Marking	CYKY-J 4 x 10 RE 450/750 V

Electrical parameters

Rated voltage	450/750 V
Test voltage (AC)	4 kV

Chemical parameters

Performance against fire	EN 60332-1
Lead Free	Yes

Thermal parameters

Max. operating temperature of conductor	70 °C
Max. operating temperature of the conductor	70 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω/km	CPR fire class	CPR DoP-Code	Delivery length m
2x1,5RE	7	84	12.531	Eca	1001553	100, 500, 1000
2x2,5RE	8.1	120	7.519	Eca	1001553	100, 500, 1000
2x4RE	10	160	4.699	Eca	1001553	500, 1000
2x6RE	11	220	3.133	Eca	1001553	500, 1000
3x1,5RE	7.4	99	12.531	Eca	1001553	100, 500, 1000
3x2,5RE	8.6	145	7.519	Eca	1001553	100, 500, 1000
3x4RE	9.8	204	4.699	Eca	1001553	500, 1000
3x6RE	11.2	282	3.133	Eca	1001553	500, 1000
4x1,5RE	8	120	12.531	Eca	1001553	100, 500, 1000
4x2,5RE	9.4	178	7.519	Eca	1001553	100, 500, 1000
4x4RE	10.7	251	4.699	Eca	1001553	500, 1000
4x6RE	12.3	349	3.133	Eca	1001553	500, 1000
4x10RE	15.5	576	1.88	Eca	1001553	500, 1000
4x16RE	18.1	854	1.175	Eca	1001553	500, 1000
5x1,5RE	8.8	141	12.531	Eca	1001553	100, 500, 1000
5x2,5RE	10.5	216	7.519	Eca	1001553	100, 500, 1000
5x4RE	12.1	310	4.699	Eca	1001553	500, 1000
5x6RE	13.4	416	3.133	Eca	1001553	500, 1000
5x10RE	17	714	1.88	Eca	1001553	500, 1000
5x16RE	19.8	1065	1.175	Eca	1001553	500, 1000
7x1,5RE	9.7	191	12.531	Eca	1001553	100, 500, 1000
7x2,5RE	11.9	298	7.519	Eca	1001553	100, 500, 1000
7x4RE	13.2	412	4.699	Eca	1001553	500, 1000
12x1,5RE	13	318	12.531	Eca	1001553	500, 1000
12x2,5RE	15.5	478	7.519	Eca	1001553	500, 1000
12x4RE	20.1	816	4.699	Eca	1001553	500, 1000
19x1,5RE	15.6	486	12.531	Eca	1001553	500, 1000
19x2,5RE	20.8	863	7.519	Eca	1001553	500, 1000
24x1,5RE	18.5	623	12.531	Eca	1001553	500, 1000
24x2,5RE	24.3	1091	7.519	Eca	1001553	500, 1000
37x1,5RE	21.6	908	12.531	Eca	1001553	500, 1000
37x2,5RE	27.4	1506	7.519	Eca	1001553	500, 1000
48x1,5RE	26.2	1270	12.531	Eca	1001553	500, 1000
48x2,5RE	31.6	1936	7.519	Eca	1001553	500, 1000