



1-CYKY

Power cable 0,6/1 kV with Cu conductors, PVC insulated and sheathed

APPLICATION

In earth, ducts, on support brackets, in dry and wet conditions etc., where one does not expect mechanical damages and the cables are not exposed to the mechanical tensile strain. In urban networks, industrial plants, electric power plants and other electricity consumers and for connection of control devices in industry, traffic etc.

CONSTRUCTION

Conductors: : Cu, class 1 or 2 according to EN 60228

Insulation: PVC compound DIV 1

Bedding: Extruded elastomere or plastomere compound or plastic tape

Sheath: PVC compound DMV 1

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

3-core (a): ● Green/Yellow ● Brown ● Blue

3-core (b): ● Black ● Brown ● Grey

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey

4-core (b): ● Blue ● Brown ● Black ● Grey

5-core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

● Black

Other colours available on request

TECHNICAL CHARACTERISTICS

CPR class: Eca

Test voltage: 4 Kv

Rated voltage: 0,6/1 kV

Bending radius (min): multicore- 12D

Min. laying temperature: -5°C

Max. conductor temperature: 70°C

Max. short-circuit temperature: 160°C

STANDARD

PNE 34 7659-3, HD 603 S1

CERTIFICATION



International
Electrotechnical
Commission

NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²		Ω/km	A	A	mm	kg/km	kg/km
4x10	RE	1,830	59	78	19,1	384	690
4x16	RM/RE	1,150	78	107	22,0	614	1050
4x25	RM/RE	0,727	105	132	27,8	960	1550
4x35	RM/RE	0,524	129	159	30,5	1344	1962
4x50	RE/SE	0,387	157	188	29,9	1920	2180
4x70	RE/SE	0,268	199	232	33,2	2688	2990
3x95+50	SM/RM(SM)	0,193/0,387	246	280	38,5	3216	3900
3x95+70	SM/RE	0,193/0,268	246	280	38,5	3408	4400
4x95	SM	0,193	246	280	40,0	3648	4600
3x120+50	SM/RM(SM)	0,153/0,387	285	318	41,0	3936	4900
3x120+70	SM/RE(RM)	0,153/0,268	285	318	43,0	4128	5150
3x120+70	SM/SM	0,153/0,268	285	318	40,0	4128	5100
4x120	SM	0,153	285	318	43,0	4608	5060
3x150+70	SM/RE(RM)	0,124/0,268	326	359	46,0	4992	6150
3x150+70	SM/SM	0,124/0,268	326	359	45,5	4992	6100
4x150	SM	0,124	326	359	48,0	5760	6800
3x185+95	SM/RM	0,0991/0,193	374	406	50,5	6240	7600
3x185+95	SM/SM	0,0991/0,193	374	406	49,5	6240	7600
4x185	SM	0,0991	374	406	52,5	7104	8400
3x240+120	SM/RM	0,0991/0,153	445	473	58,0	8064	9800
3x240+120	SM/SM	0,0991/0,153	445	473	57,0	8064	9800
4x240	SM	0,0754	445	473	60,0	9216	11000

