



E-YCY

Power cable 0,6/1 kV with Cu conductors, PVC insulated, copper wire screen, copper tape and PVC sheathed

APPLICATION

For installation indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions industrial plants, if additional protection is necessary against contact

CONSTRUCTION

Conductors	: Class1 or class 2 acc.to IEC 60228
Insulation	: PVC compound
Bedding	: Extruded elastomere compound
Armour	: Copper wire and copper tape
Sheath	: PVC Compound

TECHNICAL CHARACTERISTICS

CPR Class	: Eca
Rated Voltage	: 0,6/1 kV
Bending Radius	: 15D/12D
Max.conductor Temperature	: 70°C
Max.short-circuit Temperature	: 160°C

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color	:
2 core	: Brown-Blue
3 core	: Brown-Black-Grey
4 core	: Blue-Brown-Black-Grey
5 core	: Green/Yellow-Blue-Brown-Black-Grey

Sheath Color :
Black
Other colours available

STANDARD

IEC 60502-1

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TWO CORE CABLES

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Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
2x1,5/16	7,41	12,5	325	32	22
2x2,5/16	4,61	13,3	365	42	30
2x4/16	3,08	15	445	54	40
2x6/16	1,83	16	510	68	51

THREE CORE CABLES

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Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
3x1,5/16	7,41	13,0	343	27	19
3x2,5/16	7,41	13,8	343	36	25
3x4/16	4,61	15,7	447	47	34
3x6/16	3,08	16,8	553	59	43

FOUR CORE CABLES

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Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
4x1,5/16	0,727	13,7	380	27	19
4x2,5/16	0,524	14,8	440	36	25
4x4/16	0,387	16,8	560	47	34
4x6/16	0,268	18,5	670	59	43

FIVE CORE CABLES

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Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
5x1,5/16	0,727	26,3	1548	19	14
5x2,5/16	0,524	28,4	1900	25	19
5x4/16	0,387	32,5	2520	33	26
5x6/16	0,268	36,0	3345	41	32

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CONTROL CABLES

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Nominal Cross-Section mm ²	Max Resistance at 20°C Ω/km	Outer Dia (Approx.) mm	Cable Weight (Approx.) kg/km	Current Capacity In Earth A	Current Capacity In Air A
7x1,5/16	12,1	15,5	475	16	12
7x2,5/16	7,41	16,7	565	21	16
10x1,5/16	12,1	18,6	630	14	10
10x2,5/16	7,41	20,2	775	18	14
12x1,5/16	12,1	19,1	670	12	10
12x2,5/16	7,41	20,9	840	16	13
14x1,5/16	12,1	19,8	720	12	9
14x2,5/16	7,41	21,8	920	16	13
16x1,5/16	12,1	20,9	795	12	9
19x1,5/16	12,1	21,8	875	11	9