



Cu/PVC/SWA/PVC (NYRY-YVZ2V)

Power cable 0,6/1 kV with Cu conductors, PVC insulated, Round Steel Wire Armour and PVC Sheathed

APPLICATION

Locations under mechanical stress , underground , in power and switching stations , industrial plants

CONSTRUCTION

Conductors	: Class1 or class 2 acc.to IEC 60228
Insulation	: PVC compound
Bedding	: Extruded elastomere compound
Armour	: Round Steel Wire
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	12,1	12,5	320	32	22
2x2,5	7,41	13,3	375	42	30
2x4	4,61	15,0	475	54	40
2x6	3,08	16,9	660	68	51
2x10	1,83	19,4	870	90	70
2x16	1,15	21,5	1085	116	94
2x25	0,727	25,5	1620	150	119

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	12,1	13	355	27	19
3x2,5	7,41	13,8	415	36	25
3x4	4,61	15,7	540	47	34
3x6	3,08	17,7	740	59	43
3x10	1,83	20,4	995	79	59
3x16	1,15	22,6	1270	102	79
3x25	0,727	26,9	1910	133	106
3x35	0,268	29,3	2330	159	129
3x50	0,387	33,2	2955	188	157
3x70	0,268	37,8	4090	232	199
3x95	0,193	43,0	5275	280	246
3x120	0,153	46,2	6275	318	285
3x150	0,124	51,9	8015	359	326
3x185	0,0991	57,5	9725	406	374
3x240	0,0754	64,3	12275	473	445

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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	12,1	13,7	395	27	19
4x2,5	7,41	14,7	470	36	25
4x4	4,61	17,7	730	47	34
4x6	3,08	18,9	860	59	43
4x10	1,83	22,1	1170	79	59
4x16	1,15	25,3	1650	102	79
4x25	0,727	29,2	2270	133	106
4x35	0,268	32,0	2810	159	129
4x50	0,387	37,5	3870	188	157
4x70	0,268	41,3	4960	232	199
4x95	0,193	48,3	6890	280	246
4x120	0,153	52,5	8220	318	285
4x150	0,124	57,0	9775	359	326
4x185	0,0991	63,6	12010	406	374
4x240	0,0754	70,8	15160	473	445

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	12,1	14,6	450	19	14
5x2,5	7,41	15,6	545	25	19
5x4	4,61	18,8	835	33	26
5x6	3,08	20,4	1005	41	32
5x10	1,83	24,7	1535	55	44
5x16	1,15	27,4	1960	71	59
5x25	0,727	31,80	2670	93	80
5x35	0,268	35,7	3560	111	97
5x50	0,387	53,00	8200	132	118