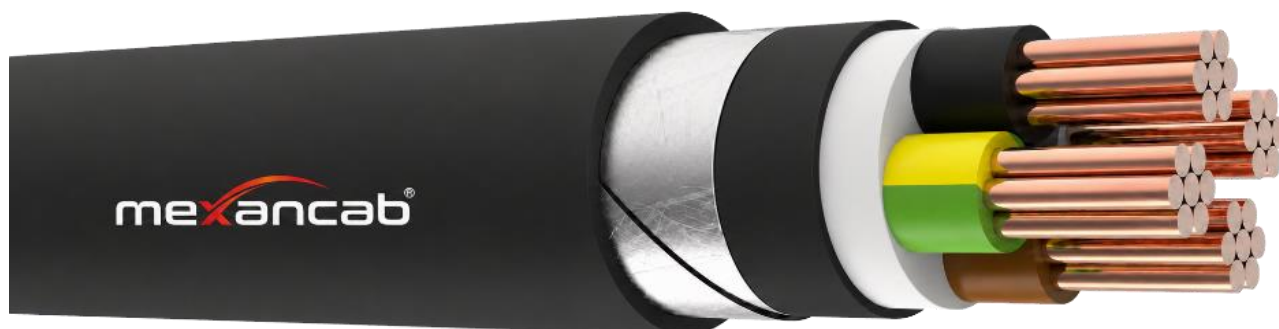




Cu/PVC/STA/PVC (NYBY-YVZ4V)

Power cable 0,6/1 kV with Cu conductors, PVC insulated, Double Steel Tape 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	: Double Steel 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

Cu/PVC/STA/PVC (NYBY-YVZ4V)

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TWO CORE CABLES

:

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	12,3	295	32	22
2x2,5	7,41	13,1	345	42	30
2x4	4,61	14,8	440	54	40
2x6	3,08	15,8	515	68	51
2x10	1,83	18,3	710	90	70
2x16	1,15	20,5	925	116	94
2x25	0,727	13,7	1265	150	119
2x35	0,268	26,0	1560	181	148
2x50	0,387	29,8	2050	252	212
2x70	0,268	33,7	2670	310	268
2x95	0,193	39,9	4045	361	331
2x120	0,153	43,2	4785	412	385
2x150	0,124	48,0	5850	464	440
2x185	0,0991	52,5	7070	525	507
2x240	0,0754	59,2	8910	608	595

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THREE CORE CABLES

:

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	12,8	323	27	19
3x2,5	7,41	13,6	382	36	25
3x4	4,61	15,5	498	47	34
3x6	3,08	16,5	591	59	43
3x10	1,83	19,3	847	79	59
3x16	1,15	21,6	1128	102	79
3x25	0,727	25,1	1534	133	106
3x35	0,268	27,6	1919	159	129
3x50	0,387	32,2	2607	188	157
3x70	0,268	35,9	3374	232	199
3x95	0,193	42,5	5038	280	246
3x120	0,153	46,5	6084	318	285
3x150	0,124	51,3	7350	359	326
3x185	0,0991	56,6	9002	406	374
3x240	0,0754	63,4	11298	473	445

Cu/PVC/STA/PVC (NYBY-YVZ4V)

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

FOUR CORE CABLES

:

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	13,5	366	27	19
4x2,5	7,41	14,5	438	36	25
4x4	4,61	16,6	578	47	34
4x6	3,08	17,7	697	59	43
4x10	1,83	20,8	991	79	59
4x16	1,15	23,4	1339	102	79
4x25	0,727	27,4	1880	133	106
4x35	0,268	30,3	2387	159	129
4x50	0,387	35,5	3227	188	157
4x70	0,268	40,9	4221	232	199
4x95	0,193	47,3	6238	280	246
4x120	0,153	51,3	7515	318	285
4x150	0,124	57,0	9155	359	326
4x185	0,0991	62,5	11210	406	374
4x240	0,0754	70,1	14106	473	445

FIVE CORE CABLES

:

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	14,4	418	19	14
5x2,5	7,41	15,4	507	25	19
5x4	4,61	17,7	678	33	26
5x6	3,08	19,0	825	41	32
5x10	1,83	22,5	1189	55	44
5x16	1,15	25,4	1622	71	59
5x25	0,727	30,0	2316	93	80
5x35	0,268	33,7	2965	111	97
5x50	0,387	40,2	4535	132	118
5x70	0,268	45,3	5878	162	149
5x95	0,193	51,9	7749	196	185
5x120	0,153	56,8	9374	223	214
5x150	0,124	62,7	11416	251	245
5x185	0,0991	68,9	13928	284	281
5x240	0,0754	77,7	17706	331	334