



N2XCH

Power cable 0,6/1 kV with Cu conductors, XLPE insulated , HFFR Filler, Copper Screen, Copper Tape and HFFR 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	: XLPE compound
Bedding	: HFFR Filler
Armour	: Copper Wire+Copper Tape
Sheath	: HFFR Compound

TECHNICAL CHARACTERISTICS

CPR Class	: Eca
Rated Voltage	: 0,6/1 kV
Bending Radius	: 15D/12D
Max.conductor Temperature	: 90°C
Max.short-circuit Temperature	: 250°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

HD 604 S1



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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
3x1,5/1,5	12,1	11,3	200	30	24
3x2,5/2,5	7,41	12,5	255	40	32
3x4/4	4,61	13,7	310	52	42
3x6/6	3,08	14,8	405	64	53
3x10/16	1,83	17,5	605	86	73
3x16/16	1,15	19,8	890	111	96
3x25/16	0,727	23,4	1260	143	130
3x35/16	0,268	29,0	1310	173	160
3x50/25	0,387	32,0	2185	205	195
3x70/35	0,268	33,4	2975	252	247
3x95/50	0,193	42,0	4155	303	305
3x120/70	0,153	43,0	5020	346	355
3x150/70	0,124	46,9	6060	390	407
3x185/95	0,0991	55,0	8035	441	469
3x240/120	0,0754	58,9	10350	511	551

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
4x1,5/1,5	12,1	12,1	210	30	24
4x2,5/2,5	7,41	13	270	40	32
4x4/4	4,61	14,6	365	52	42
4x6/6	3,08	16,5	490	64	53
4x10/10	1,83	19,1	730	86	73
4x16/16	1,15	21,5	1060	111	96
4x25/16	0,727	25,4	1520	143	130