



N2XRH

Power cable 0,6/1 kV with Cu conductors, XLPE insulated , HFFR Filler, Round steel wire armour and HFFR 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	: XLPE compound
Bedding	: HFFR Filler
Armour	: Round Steel Wire
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	12,1	13,0	350	30	24
3x2,5	7,41	13,5	395	40	32
3x4	4,61	14,7	470	52	42
3x6	3,08	15,7	570	64	53
3x10	1,83	19,1	910	86	73
3x16	1,15	21,3	1175	111	96
3x25	0,727	25,6	1780	143	130
3x35	0,268	28,0	2210	173	160
3x50	0,387	31,2	2740	205	195
3x70	0,268	36,3	3935	252	247
3x95	0,193	40,8	5010	303	305
3x120	0,153	44,7	6040	346	355
3x150	0,124	50,2	7695	390	407
3x185	0,0991	55,6	9380	441	469
3x240	0,0754	62,0	11850	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	12,1	13,7	390	30	24
4x2,5	7,41	14,8	470	40	32
4x4	4,61	16,0	570	52	42
4x6	3,08	18,1	790	64	53
4x10	1,83	20,4	1045	86	73
4x16	1,15	22,9	1385	111	96
4x25	0,727	27,8	2115	143	130
4x35	0,268	30,5	2640	173	160
4x50	0,387	34,1	3330	205	195
4x70	0,268	39,8	4750	252	247
4x95	0,193	44,6	6110	303	305
4x120	0,153	50,6	7900	346	355
4x150	0,124	55,1	9415	390	407
4x185	0,0991	61,5	11575	441	469
4x240	0,0754	68,2	14560	511	551

