



NHXMH

Installation Cable 300/500 V with Cu conductors, HFFR insulated , HFFR Filler and HFFR Shetahed

APPLICATION

It is used in hotels, schools, hospitals, tunnels, refineries, high-rise buildings, data processing centers and business centers where people are concentrated, and in fire-sensitive areas.

CONSTRUCTION

Conductors	: Class1, Class2 acc.to IEC 60228
Insulation	: HFFR compound
Bedding	: HFFR Filler
Armour	: -
Sheath	: HFFR compound

TECHNICAL CHARACTERISTICS

CPR Class	: Eca
Rated Voltage	: 300/500 V
Bending Radius	: 6D
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	: Green/Yellow-Brown-Blue
4 core	: Blue-Brown-Black-Grey
5 core	: Green/Yellow-Blue-Brown-Black-Grey

STANDARD

VDE 0250

Sheath Color	:
White	
Other colours available	



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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 Conduit A	Current Capacity In Air A
2x1,5	12,1	8,30	110	-	22
2x2,5	7,41	9,10	135	-	30
2x4	4,61	10,40	190	-	40
2x6	3,08	11,40	240	-	51
2x10	1,83	15,10	410	-	70
2x16	1,15	17,00	565	-	98
2x25	0,727	20,50	855	-	-
2x35	0,524	23,40	1150	-	-
3x1,5	12,1	8,70	120	-	22
3x2,5	7,41	9,50	160	-	30
3x4	4,61	10,90	225	-	40
3x6	3,08	12,40	310	-	51
3x10	1,83	16,00	500	-	70
3x16	1,15	18,40	725	-	98
3x25	0,727	22,20	1100	-	-
3x35	0,524	24,80	1450	-	-
4x1,5	12,1	9,30	140	-	22
4x2,5	7,41	10,30	195	-	30
4x4	4,61	12,20	280	-	40
4x6	3,08	13,80	390	-	51
4x10	1,83	17,30	610	-	70
4x16	1,15	20,00	890	-	98
4x25	0,727	24,60	1380	-	-
4x35	0,524	27,10	1805	-	-
5x1,5	12,1	9,90	170	-	22
5x2,5	7,41	11,00	230	-	30
5x4	4,61	13,60	345	-	40
5x6	3,08	14,90	465	-	51
5x10	1,83	18,90	715	-	70
5x16	1,15	22,20	1115	-	98
5x25	0,727	26,80	1650	-	-
5x35	0,524	30,00	2195	-	-