

HALOGEN FREE FLAME RETARDANT CABLES

NHXMH

CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 XLPE insulation
- 3 LSZH filler
- 4 LSZH outer sheath



SPECIFICATIONS

Code : NHXMH
Standards : VDE 0250-214
Rated Voltage : U₀/U=300/500 V

Application :
Used in places which are subject to fire danger such as hotels, hospitals, shopping centers, power plants, information technology centers and in places where human groups are carried by railway systems and also where valuable equipments are kept. These cables do not conduct flame during fire, do not create high smoke density, do not create corrosive ambients and therefore provides increased protection.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant IEC 60332 -1-2



Flame Retardant IEC 60332 -3-24 Cat.C



Halogen Free IEC 60754-1/2



Low Smoke Emission IEC 61034-1/2



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Conductor DC resistance at 20°C	Current carrying capacity in (30°C)
mm ²	mm	kg/km	m	Ω / km (max.)	A
2x1,5 re	8,3	97	100	12,1	31
2x2,5 re	9,1	127	100	7,41	40
2x4 re	10	170	100	4,61	52
2x6 re	11	225	100	3,08	64
2x10 rm	14,5	375	1000	1,83	86
3x1,5 re	8,8	120	100	12,1	31
3x2,5 re	9,6	155	100	7,41	40
3x4 re	10,8	210	100	4,61	52
3x6 re	12,5	300	100	3,08	64
3x10 rm	15	460	1000	1,83	86
4x1,5 re	9,5	140	100	12,1	31
4x2,5 re	10,5	190	100	7,41	40
4x4 re	12	270	100	4,61	52
4x6 re	13,4	365	100	3,08	64
4x10 rm	16,5	580	1000	1,83	86
4x16 rm	19	830	1000	1,15	112
4x25 rm	23	1260	1000	0,727	145
5x1,5 re	10,4	168	100	12,1	31
5x2,5 re	11,4	227	100	7,41	40
5x4 re	13,1	326	100	4,61	52
5x6 re	14,5	444	100	3,08	64