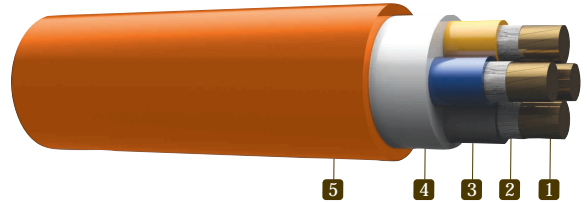


## CONSTRUCTION

- 1 Copper conductor (Class 1 - 2)
- 2 Mica tape
- 3 XLPE insulation
- 4 LSZH filler
- 5 LSZH outer sheath



## SPECIFICATIONS

Code : N2XH FE180  
 Standards : VDE 0276 -604  
 Rated Voltage :  $U_0/U=0.6/1$  kV

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. Can be used internally, externally or in underground where no mechanical stress.



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	Delivery drum type	Conductor DC resistance at 20°C	Current carrying capacity in (30°C)	
						Earth	Air
mm <sup>2</sup>	mm	kg/km	m	cm	/ km (max.)	A	A
3x16/10 rm	19	840	1000	110	1,15	112	98
3x25/16 rm	23	1250	1000	130	0,727	145	133
3x35/16 rm	25	1550	1000	140	0,524	174	162
3x50/25 rm	28	2120	1000	150	0,387	206	197
3x70/35 rm	33	2950	1000	160	0,268	254	250
3x95/50 rm	37	3950	1000	180	0,193	305	308
3x120/70 rm	42	5080	1000	200	0,153	348	359
3x150/70 rm	45	6030	500	160	0,124	392	412
3x185/95 rm	51	7580	500	200	0,0991	444	475
3x240/120rm	57	9750	500	220	0,0754	517	564
3x300/150rm	64	12300	500	240	0,0601	585	649
4x10 rm	17	605	1000	100	1,83	86	74
4x16 rm	20	875	1000	120	1,15	112	98
4x25 rm	24	1300	1000	130	0,727	145	133
4x35 rm	26	1720	1000	140	0,524	174	162
4x50 rm	30	2300	1000	150	0,387	206	197
4x70 rm	35	3230	1000	180	0,268	254	250
4x95 rm	39	4340	1000	200	0,193	305	308
4x120 rm	44	5420	500	160	0,153	348	359
4x150 rm	48	6720	500	180	0,124	392	412
4x185 rm	54	8350	500	210	0,0991	444	475
4x240 rm	61	10810	500	220	0,0754	517	564
4x300 rm	68	13720	500	240	0,0601	585	649