

N2XH CABLE 0,6/1(1,2) kV



1. Solid or Stranded Copper Conductor
2. XLPE Insulation
3. HFFR (LSZH) Filler
4. HFFR (LSZH) Outer Sheath

Application

These cables are used in internal and external places school, hospital, meeting rooms and shopping centers.

Basic Data

Applied Standards	: TS HD 604 S1
Voltage Rate	: 0,6/1 kV
Conductor Type	: Stranded Copper, Class 2, TS IEC 60228
Type of Insulation Material	: XLPE
Type of Sheath Material	: HFFR
Sheath Colour	: Black
Max. Continuous Conductor Temp.	: 90 °C
Max. Short Circuit Temp.	: 250 °C
Test Voltage (AC)	: 4 kV
Min. Laying Temperature	: -20 °C
Other Properties	: [CPR:B2ca-s1a-d1-a1]
Other Properties	: Flame Retardant Test acc.to IEC 60332-1-2
	: Smoke Density Test acc.to IEC 61034-2
	: Corrosive Gas Test acc.to IEC 60754-2
	: Halogen Free Test acc.to IEC 60754-1

Technical Features						
Rated Cross Section	Overall Diameter of Cable	Current Carrying Capacity	Conductor DC Resistance at (20 °C)	Short Circuit Current	Net Weight	Delivery Length
mm ²	mm	Air (A)	ohm/km	kA (1 sec.)	kg/km	m
1G16 rm	10,60	102	1,15	2,29	239	1.000
1G35 rm	13,20	170	0,524	5,01	451	1.000
1G50 rm	14,60	207	0,387	7,15	573	1.000
1G95 rm	18,40	325	0,193	13,59	1.064	1.000
1G120 rm	20,30	380	0,153	17,16	1.320	1.000
1x240 rm	27,10	604	0,0754	34,32	2.547	1.000
4G4 rm	13,70	42	4,61	0,57	337	1.000
4x35 rm	26,30	162	0,524	5,01	1.854	1.000
4x70 rm	35,20	250	0,268	10,01	3.457	1.000
4x95 rm	39,20	308	0,193	13,59	4.546	1.000
4x120 rm	44,00	359	0,153	17,16	5.723	1.000
4x150 rm	48,30	412	0,124	21,45	6.978	500
5G50 rm	33,20	197	0,387	7,15	3.003	1.000

"Unless otherwise specified core colours will be as below."

Number of Cores	1	2	3	4	5	>5
Core Colours						