



LV (N)2XY FR



Info

- Low voltage power and control cable
- Stranded copper conductor According to IEC60228 Cl.2
- Unarmoured, XLPE Insulation, PVC Outer sheath cable

Benefits

- Maintain high insulation resistance for heat and moisture exposed environments
- Applied to copper conductor, which is conductivity rate than aluminum conductor
- Easy installation due to small cable diameter
- High flame retardancy cable

Application range

- For main power distribution and lighting circuits in residential, industrial and commercial areas
- Fixed for power and control circuits and applicable for the connection of telecom power supply
- Cable tray and wiring board in factory

Product features

- Flame retardant according to IEC 60332-1-2 and IEC 60332-3-24 (CAT.C)
- Cable material according to IEC 60502-1
- Cable test according to IEC 608 11

Norm references / Approvals

- Cable design according to IEC 60502-1
- Conductor design according to IEC60228 class 2

Product Make-up

- Conductor : Stranded made of bare copper
- Core insulation: Cross-Linked Polyethylene (XLPE)
- Core insulation colour : Core Identification code according to VDE 0293-308
- Outer sheath : Polyvinyl Chloride (PVC, ST2)
- Outer sheath colour: Black

Technical data

- Conductor stranding**
Stranded made of bare copper wire (Design acc.to IEC60228 Cl.2)
- Minimum bending radius**
Fixed installation: 8 x cable diameter
- Nominal voltage**
AC U₀/U: 0.6/1 KV
- Temperature range**
-15° C up to +90 °C max. conductor temperature

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
LV (N)2XY FR				
85627651	1 X 1.5	6.2	13.8	55
85627652	2 X 1.5	10.3	27.7	128
85627653	3 X 1.5	10.8	41.7	151
85627654	4 X 1.5	11.6	55.6	180
85627655	5 X 1.5	12.5	69.6	210
85627656	6 X 1.5	13.5	83.5	241
85627657	7 X 1.5	13.5	97.5	258
85627658	8 X 1.5	14.4	111.4	290
85627659	9 X 1.5	15.4	125.4	323
85627660	10 X 1.5	16.6	139.5	361
85627661	11 X 1.5	16.6	153.4	378
85627662	12 X 1.5	17.1	167.4	403
85627663	13 X 1.5	17.3	181.4	424
85627664	14 X 1.5	17.9	195.4	451
85627665	15 X 1.5	18.3	209.3	476
85627666	16 X 1.5	18.8	223.3	502
85627667	17 X 1.5	19.3	237.3	528
85627668	18 X 1.5	19.7	251.3	554
85627669	19 X 1.5	19.7	265.3	570
85627670	20 X 1.5	20.3	279.3	598
85627671	21 X 1.5	20.7	293.3	623
85627672	22 X 1.5	21.3	307.3	652
85627673	23 X 1.5	21.6	321.3	676
85627674	24 X 1.5	22.9	335.4	719
85627675	25 X 1.5	22.9	349.3	736
85627676	26 X 1.5	22.9	363.3	753
85627677	27 X 1.5	23.3	377.3	780
85627678	28 X 1.5	23.3	391.3	797
85627679	29 X 1.5	23.6	405.3	819
85627680	30 X 1.5	24.1	419.3	848
85627681	31 X 1.5	24.2	433.3	867
85627682	32 X 1.5	24.5	447.3	891
85627683	33 X 1.5	25.0	461.3	919
85627684	34 X 1.5	25.2	475.3	940
85627685	35 X 1.5	25.4	489.3	960
85627686	36 X 1.5	26.0	503.3	991
85627687	37 X 1.5	26.0	517.3	1,008
85627688	38 X 1.5	26.2	531.3	1,030
85627689	39 X 1.5	26.5	545.3	1,055

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
• Photographs are not to scale and do not represent detailed images of the respective products.