



**LV (N)2XYRY FR**

**Info**

- Low voltage power and control cable
- Stranded copper conductor According to IEC60228 Cl.2
- Armoured, XLPE Insulation, PVC Inner / 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 60811

**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
- Inner sheath : Polyvinyl Chloride (PVC, ST2)
- Armoured : Aluminium wire (Single core) or Galvanized wire (Multi core)
- 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: 10 x cable diameter
- Nominal voltage**  
AC U<sub>0</sub>/U: 0.6/1 KV
- Temperature range**  
-15° C up to +90 °C max. conductor temperature

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>LV (N)2XYRY FR</b>				
85631251	1 X 1.5	10.6	13.9	211
85631252	2 X 1.5	14.7	27.9	363
85631253	3 X 1.5	15.2	41.8	400
85631254	4 X 1.5	16.0	55.8	443
85631255	5 X 1.5	17.6	69.7	584
85631256	6 X 1.5	18.5	83.7	641
85631257	7 X 1.5	18.5	97.6	658
85631258	8 X 1.5	19.5	111.6	715
85631259	9 X 1.5	20.4	125.5	774
85631260	10 X 1.5	21.7	139.5	848
85631261	11 X 1.5	21.7	153.4	865
85631262	12 X 1.5	22.1	167.4	903
85631263	13 X 1.5	22.4	181.3	936
85631264	14 X 1.5	23.6	195.3	1,101
85631265	15 X 1.5	24.1	209.2	1,145
85631266	16 X 1.5	24.5	223.2	1,173
85631267	17 X 1.5	25.1	237.1	1,219
85631268	18 X 1.5	25.5	251.1	1,263
85631269	19 X 1.5	25.5	265.0	1,279
85631270	20 X 1.5	26.0	279.0	1,327
85631271	21 X 1.5	26.4	292.9	1,370
85631272	22 X 1.5	27.0	306.9	1,419
85631273	23 X 1.5	27.4	320.8	1,445
85631274	24 X 1.5	28.6	334.8	1,544
85631275	25 X 1.5	28.6	348.7	1,561
85631276	26 X 1.5	28.6	362.7	1,578
85631277	27 X 1.5	29.1	376.6	1,608
85631278	28 X 1.5	29.1	390.6	1,624
85631279	29 X 1.5	29.6	404.5	1,680
85631280	30 X 1.5	30.1	418.5	1,729
85631281	31 X 1.5	30.2	432.4	1,748
85631282	32 X 1.5	30.5	446.4	1,790
85631283	33 X 1.5	31.0	460.3	1,822
85631284	34 X 1.5	31.2	474.3	1,860
85631285	35 X 1.5	31.4	488.2	1,881
85631286	36 X 1.5	32.0	502.2	1,932
85631287	37 X 1.5	32.0	516.1	1,949
85631288	38 X 1.5	32.2	530.1	1,989
85631289	39 X 1.5	32.5	544.0	2,016

- 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.

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