



# LAPP KABEL 0.6 / 1KV TFR-CV / AL



## Info

- Lightweight and economical power cable with aluminum conductor to meet IEC 60502-1 specifications

## Benefits

- Less expensive alternative compared to copper conductor
- Easy installation due to light weight aluminum conductor

## Application range

- Power cable with excellent flame retardance

## Product features

- Flame retardant acc. to IEC 60332-3-24
- Voltage test acc. to IEC 60502-1 (3.5kV/5mins)

## Norm references / Approvals

- KC certified according to IEC 60502-1

## Product Make-up

- Conductor: Aluminum stranded conductor (Class 2)
- Core insulation: Cross-Linked Polyethylene (XLPE)
- Core insulation colour: Natural color
- Outer sheath : Flame retardant PVC
- Outer sheath colour: Black

## Technical data

- Conductor stranding**  
Aluminum conductor acc. to IEC 60228 Class 2
- Minimum bending radius**  
Fixed installation: 10 x outer diameter
- Nominal voltage**  
AC U<sub>0</sub>/U: 0.6/1 KV
- Temperature range**  
Fixed installation: up to +90 °C



Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>LAPP KABEL 0.6/1KV TFR-CV/AL</b>				
Core insulation: natural / Outer sheath: black				
85 120400	1 X 16	9.2	43.3	106
85 120401	1 X 25	10.5	68.6	148
85 120402	1 X 35	11.5	95.2	184
85 120403	1 X 50	12.9	132.5	236
85 120404	1 X 70	14.8	183.7	314
85 120405	1 X 95	16.6	254.3	411
85 120406	1 X 120	18.3	320.0	504
85 120407	1 X 150	20.4	397.3	620
85 120408	1 X 185	22.3	499.5	755
85 120409	1 X 240	25.1	650.9	972
85 120410	1 X 300	27.7	816.7	1,196
85 120411	1 X 400	31.0	1060.8	1,506
85 120412	1 X 500	34.8	1341.0	1,902
85 120413	1 X 630	39.4	1734.3	2,465

- 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.