

**INDUSTRIAL COMPONENT DATA****049291 LEGRAND KNX CABLE 500M 1 PAIR**

Brand: LEGRAND | Manufacturer Part Number: 049291



|                 |                                                 |
|-----------------|-------------------------------------------------|
| Manufacturer    | LEGRAND                                         |
| MPN / Reference | 049291                                          |
| Catalog number  | 049291                                          |
| Category        | Power cable >= 1 kV, for permanent installation |
| Minimum order   | 1 Pcs                                           |
| Document ID     | EO-DA9CCE5A50                                   |
| Generated       | 2026-08-01                                      |

**Product Overview**

KNX CABLE 500M 1 PAIR

KNX cable 1 pair - 500 m

**STRUCTURED PRODUCT DATA****Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**Catalog path **LEGRAND > AUTOMATION, CONTROL AND KNX CONTROL****Additional Product Information**

KNX cable 1 pair of stranded conductors (red-black). It can be installed next to the 230V power cable. Recessed or ducted installation, as long as protection from sunlight is guaranteed. Length of 500m. Diameter: 0.8mm - 4000 V

insulation.Conductor Material copper

Conductor surface Uncovered

Nominal Conductor Section 0.8 mm<sup>2</sup>

Conductor Diameter 0.5 mm

Driver Class Class 2 = multi-strand rigid

Number of wires per conductor 1

Conductor resistance at 20°C 10000 Ohm/km

Conductor design Round

Number of threads 2

Conductor insulation material Other

Type of driver identification Colour

Filling material Yes

Fiber Optic Elements No

With protective conductor No  
Screen Yes  
Drainage thread Yes  
Lead cover No  
Number of Auxiliary Conductors 0  
Concentric conductor copper  
Concentric nominal conductor cross-section 0.5 mm<sup>2</sup>  
Cover material Other  
Deck Material Specification Other  
Outer Cover Color Green  
Cable geometry Round  
Low smoke emission according to EN IEC 61034-2 Yes  
Halogen-free according to IEC 60754-1 Yes  
Halogen-free according to EN IEC 60754-2 Yes  
Approximate cable width 5.5 mm  
Approximate cable height 5.5 mm  
Outer diameter approx. 5.5 mm  
Allowable Outside Cable Temperature During Wiring/Handling -25-70 °C  
Permissible ambient temperature of the cable after assembly without vibration -25-70 °C  
Assigned voltage U0 2.5 kV  
Assigned voltage U 4 kV  
Suitable for underground installation No  
Suitable as an installation cable Yes  
ETIM for 049291 Cable (EC003251)  
Feature Name  
Feature Value  
Halog...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LEGRAND / 049291 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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