

## INDUSTRIAL COMPONENT DATA

# CABLE-D50SUB/B/B/HF/S/ 2,0M 1066673 PHOENIX CONTACT Assembled, shielded, halogen-free round cable connection..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-D50SUB/B/B/HF/S/ 2,0M



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | CABLE-D50SUB/B/B/HF/S/ 2,0M |
| Catalog number  | 1066673                     |
| Category        | PLC connection cable        |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-DBEFE45684               |
| Generated       | 2026-07-29                  |

## Product Overview

Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB socket strip (1x 50-position); cable length: 2 m

Ready-made, shielded and halogen-free round cable; Connection 1: Female connection D-SUB (1x 50-poles); Connection 2: Female connection D-SUB (1x 50-poles); Cable length: 2 m

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

|              |                                             |
|--------------|---------------------------------------------|
| Catalog path | PHOENIX CONTACT > INTERFACE Components (IF) |
|--------------|---------------------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type System cable

Data management status

Article revision 01

Environmental and real-life conditionsAmbient conditions

Degree of protection IP20

Degree of protection (Installation location) >= IP54 (Installation location)

Ambient temperature (operation) -40 °C ... 70 °C (fixed installation)

-10 °C ... 70 °C (flexible installation)

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude <= 2000 m

Electrical propertiesOperating voltage (AC) <= 30 V AC

Operating voltage (DC) <= 60 V DC

Nominal operating mode 100% operating factor  
Current (Per path)  $\leq 2$  A (Uncoiled, see derating)  
Cable/line Cable length 2 m  
Number of positions 50  
Shielded yes  
Conductor type Assembled, shielded, halogen-free round cable  
Conductor structure signal line 14x 0.15 mm  
AWG signal line 24  
Conductor cross section 50x 0.25 mm<sup>2</sup>  
Wire diameter incl. insulation 1.2 mm  $\pm 0.05$  mm  
External cable diameter 12.80 mm  $\pm 0.5$  mm  
Outer sheath, material Halogen-free sheath  
External sheath, color gray  
Conductor material Bare Cu litz wires  
Cable resistance  $\leq 80$   $\Omega$ /km (at 20 °C)  
Insulation resistance  $\geq 20$  M $\Omega$ \*km (at 20 °C)  
Smallest bending radius, fixed installation 107 mm  
Smallest bending radius, movable installation 200 mm  
Dynamic load capacity (bending) Max. bending cycles: 5000 (at a radius of  $\geq 15$ x outside diameter)  
Halogen-free yes  
Flame resistance IEC 60332-1-2 (raw cable)  
VDE 0842, Part 332-1-2 (raw cable)  
IEC 60332-3-22 (raw cable)  
Resistance to oil can withstand occasional s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CABLE-D50SUB/B/B/HF/S/ 2,0M 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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