



Pushing Performance  
Since 1945

# VB RJ45 UaD -VB RJ45 LaR Cat.6A PUR 0.5m



Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 48 848 5745 005  |
| Specification      | VB RJ45 UaD -VB RJ45 LaR Cat.6A<br>PUR 0.5m   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09488485745005">https://b2b.harting.com/09488485745005</a> |

## Identification

|                          |   |
|--------------------------|---|
| Category                 | System cabling  |
| Series                   | RJ45  |
| Element                  | Cable assemblies  |
| Specification            | Pre-assembled on both sides                               |
| Connector 1              | HARTING VarioBoot RJ45<br>Preferred directions up/down    |
| Connector 2              | HARTING VarioBoot RJ45<br>Preferred directions left/right |
| Type of cable            | Copper cable (round)                                      |
| Description of the cable | Wiring 1:1<br>Halogen-free<br>Oil resistant               |

## Version

|                 |                   |
|-----------------|-------------------|
| Cable length    | 0.5 m             |
| Number of cores | 8                 |
| Core structure  | 4x 2 Twisted Pair |

## Technical characteristics

|                              |  |
|------------------------------|--|
| Transmission characteristics | Cat. 6A Class E <sub>A</sub> up to 500 MHz                                 |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s<br>1 Gbit/s<br>2.5 Gbit/s<br>5 Gbit/s<br>10 Gbit/s |



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## Technical characteristics

|  |                        |
|--|------------------------|
| Limiting temperature                   | -30 ... +75 °C unmoved |
|  | -5 ... +50 °C moved    |
| Degree of protection acc. to IEC 60529 | IP20                   |

## Material properties

|                             |                    |
|-----------------------------|--------------------|
| Material (cable)            | PUR (polyurethane) |
| Colour (cable)              | Yellow             |
| RoHS                        | compliant          |
| ELV status                  | compliant          |
| China RoHS                  | e                  |
| REACH Annex XVII substances | Not contained      |
| REACH ANNEX XIV substances  | Not contained      |
| REACH SVHC substances       | Not contained      |

## Specifications and approvals

|                |                      |
|----------------|----------------------|
| Specifications | ISO/IEC 11801        |
|                | IEC 61156-6          |
| UL / CSA       | UL 1863 DUXR.E470046 |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 42.07 g                                      |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140270329                                |
| ETIM                           | EC002599                                     |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |