



Pushing Performance  
Since 1945

# VB RJ45 UaD -VB RJ45 UaD Cat.6A PUR 2.0m



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

|                    |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| Part number        | 09 48 848 4745 020                                                                          |
| Specification      | VB RJ45 UaD -VB RJ45 UaD Cat.6A PUR 2.0m                                                    |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09488484745020">https://b2b.harting.com/09488484745020</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 up/down |
| Type of cable            | Copper cable (round)                                   |
| Description of the cable | Wiring 1:1<br>Halogen-free<br>Oil resistant            |

## Version

|                 |                |
|-----------------|----------------|
| Cable length    | 2 m            |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |

## 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                     | 103.5 g                                 |
| Country of origin              | Latvia                                  |
| European customs tariff number | 85444290                                |
| GTIN                           | 5713140162228                           |
| eCl@ss                         | 27060308 Patch cord copper (data cable) |