



Pushing Performance  
Since 1945

# VB RJ45 UaD - DB RJ45 Cat.6A PUR 5.0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 844 7745 050                                                                  |
| Specification      | VB RJ45 UaD - DB RJ45 Cat.6A PUR 5.0m                                               |
| HARTING eCatalogue | <a href="https://harting.com/09488447745050">https://harting.com/09488447745050</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 DualBoot RJ45                                  |
| Type of cable            | Copper cable (round)                                   |
| Description of the cable | Wiring 1:1<br>Halogen-free<br>Oil resistant            |

## Version

|                 |                |
|-----------------|----------------|
| Cable length    | 5 m            |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |

## Technical characteristics

|                              |                                                                            |
|------------------------------|----------------------------------------------------------------------------|
| Transmission characteristics | Cat. 6 <sub>A</sub> 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<br>-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                | Yes                                                                  |
| REACH SVHC substances                | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV 329) |
| California Proposition 65 substances | Not contained                                                        |

## Specifications and approvals

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

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 201 g                                        |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140270275                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |
| UNSPSC 24.0                    | 26121600                                     |