



Pushing Performance  
Since 1945

## ix Type A OM - DB RJ45 Cat.6A Rail 2.0m



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

|                    |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| Part number        | 33 48 314 7819 020                                                                          |
| Specification      | ix Type A OM - DB RJ45 Cat.6A Rail 2.0m                                                     |
| HARTING eCatalogue | <a href="https://b2b.harting.com/33483147819020">https://b2b.harting.com/33483147819020</a> |

### Identification

|                          |                                      |
|--------------------------|--------------------------------------|
| Category                 | System cabling                       |
| Series                   | HARTING ix Industrial®               |
| Element                  | Cable assemblies                     |
| Specification            | Pre-assembled on both sides          |
| Connector 1              | HARTING ix Industrial® PushPull IP20 |
|                          | Type A                               |
|                          | Overmoulded                          |
|                          | IDC termination                      |
| Connector 2              | HARTING DualBoot RJ45                |
| Type of cable            | Copper cable (round)                 |
| Description of the cable | for railway applications             |
| Features                 | electron beam crosslinked Comp 752   |

### Version

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

### Technical characteristics

|                              |                                            |
|------------------------------|--------------------------------------------|
| Transmission characteristics | Cat. 6A Class E <sub>A</sub> up to 500 MHz |
|------------------------------|--------------------------------------------|



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## Technical characteristics

|                      |                        |
|----------------------|------------------------|
| Data rate            | 10 Mbit/s              |
|                      | 100 Mbit/s             |
|                      | 1 Gbit/s               |
|                      | 2.5 Gbit/s             |
|                      | 5 Gbit/s               |
|                      | 10 Gbit/s              |
| Limiting temperature | -40 ... +80 °C unmoved |
|                      | -40 ... +80 °C moved   |

## Material properties

|                                      |                                                         |
|--------------------------------------|---------------------------------------------------------|
| Material (cable)                     | Polyolefin copolymer electron beam crosslinked Comp 752 |
| Colour (cable)                       | Black                                                   |
| 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                                           |
| California Proposition 65 substances | Not contained                                           |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                    |
| Requirement set with Hazard Levels   | R15 (HL 1-3)                                            |
|                                      | R16 (HL 1-3)                                            |

## Specifications and approvals

|                |                                                |
|----------------|------------------------------------------------|
| Specifications | EN 45545-2 Fire protection on railway vehicles |
|                | EN 50264-1 Fire protection on railway vehicles |
|                | EN 50306-1 Fire protection on railway vehicles |
|                | NFPA 130 Fire protection on railway vehicles   |
|                | UN/ECE-R 118 fire protection for rolling stock |
|                | EN 50155 Shock and vibration resistance        |
|                | EN 60811-403 Resistance to ozone               |
|                | EN 60811-404 Oil resistance                    |
|                | EN 50618 UV resistant                          |
|                | IEC 61076-3-124                                |

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Country of origin              | Latvia        |
| European customs tariff number | 85444290      |
| GTIN                           | 5713140333130 |



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## Commercial data

eCl@ss

27060390 Ready-made data cable (unspecified)