



Pushing Performance  
Since 1945

# ix Tp A EtherRail 4x2xAWG26/7 Cat.7 7.5m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 33 48 010 1819 075                                                                  |
| Specification      | ix Tp A EtherRail 4x2xAWG26/7 Cat.7 7.5m                                            |
| HARTING eCatalogue | <a href="https://harting.com/33480101819075">https://harting.com/33480101819075</a> |

## Identification

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

## Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Cable length       | 7.5 m                                   |
| Number of cores    | 8                                       |
| Core structure     | 4x 2x AWG 26/7                          |
| Termination method | IDC insulation displacement termination |
| Coding             | Type A                                  |

## 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<br>-40 ... +80 °C moved |
| Cable diameter         | 6.4 ... 6.8 mm                                 |
| Minimum bending radius | 6x Cable diameter                              |

## 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                                           |

## Specifications and approvals

|                |                                                |
|----------------|------------------------------------------------|
| Specifications | EN 45545-2 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                          |

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140259690                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |



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Commercial data

|             |          |
|-------------|----------|
| UNSPSC 24.0 | 26121600 |
|-------------|----------|