



Pushing Performance  
Since 1945

## ix Type A - M12X PFT f Cat. 6A PUR 0,5m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 33 48 017 1804 005                                                                  |
| Specification      | ix Type A - M12X PFT f Cat. 6A PUR 0,5m                                             |
| HARTING eCatalogue | <a href="https://harting.com/33480171804005">https://harting.com/33480171804005</a> |

### Identification

|               |                                                                                              |
|---------------|----------------------------------------------------------------------------------------------|
| Category      | System cabling                                                                               |
| Series        | HARTING ix Industrial®<br>Circular connectors M12                                            |
| Element       | Cable assemblies                                                                             |
| Specification | Pre-assembled on both sides                                                                  |
| Connector 1   | HARTING ix Industrial® Type A<br>IDC termination                                             |
| Connector 2   | M12 X-coding<br>Panel feed through for rear mounting<br>Female Straight<br>Crimp termination |
| Type of cable | Copper cable (round)                                                                         |

### Version

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Cable length       | 0.5 m                                                        |
| Number of cores    | 8                                                            |
| Core structure     | 4x 2x AWG 26/7                                               |
| Termination method | Crimp termination<br>IDC insulation displacement termination |
| Coding             | X-coding                                                     |

### 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 |

Material properties

|                  |                    |
|------------------|--------------------|
| Material (cable) | PUR (polyurethane) |
| Colour (cable)   | Yellow             |

Specifications and approvals

|                |                                                |
|----------------|------------------------------------------------|
| Specifications | IEC 60332-1-2 Flame retardancy                 |
|                | IEC 60754-1 Halogen freeness                   |
|                | EN 60811-404 Oil resistance                    |
|                | UN/ECE-R 118 fire protection for rolling stock |

Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Country of origin              | Romania                                      |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140263420                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |
| UNSPSC 24.0                    | 26121600                                     |