



Pushing Performance  
Since 1945

# M12 X-cod 8-pol st/PFT m/f PUR 1.0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 C07 2756 010                                                                  |
| Specification      | M12 X-cod 8-pol st/PFT m/f PUR 1.0m                                                 |
| HARTING eCatalogue | <a href="https://harting.com/0948C072756010">https://harting.com/0948C072756010</a> |

## Identification

|               |                                                       |
|---------------|-------------------------------------------------------|
| Category      | System cabling                                        |
| Series        | Circular connectors M12                               |
| Element       | Cable assemblies                                      |
| Specification | Pre-assembled on both sides                           |
| Connector 1   | M12 X-coding<br>Male Straight                         |
| Connector 2   | M12 X-coding<br>Female Straight<br>Panel feed through |
| Type of cable | Copper cable (round)                                  |

## Version

|                 |                |
|-----------------|----------------|
| Cable length    | 1 m            |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |
| Shielding       | Shielded       |
| Coding          | X-coding       |

## 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

|                |                 |
|----------------|-----------------|
| Cable diameter | 6.7 mm ± 0.3 mm |
|----------------|-----------------|

## 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      |
| California Proposition 65 substances | Not contained      |

## Specifications and approvals

|                |                                                |
|----------------|------------------------------------------------|
| Specifications | UN/ECE-R 118 fire protection for rolling stock |
|----------------|------------------------------------------------|

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 111.215 g                                    |
| Country of origin              | China                                        |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140267053                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |
| UNSPSC 24.0                    | 26121600                                     |