

## M12 D-cod 4-pol st/st m/m PUR Typ R 5.0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 C8C 8025 050                                                                  |
| Specification      | M12 D-cod 4-pol st/st m/m PUR Typ R 5.0m                                            |
| HARTING eCatalogue | <a href="https://harting.com/0948C8C8025050">https://harting.com/0948C8C8025050</a> |

### Identification

|                          |                               |
|--------------------------|-------------------------------|
| Category                 | System cabling                |
| Series                   | Circular connectors M12       |
| Element                  | Cable assemblies              |
| Specification            | Pre-assembled on both sides   |
| Connector 1              | M12 D-coding<br>Male Straight |
| Connector 2              | M12 D-coding<br>Male Straight |
| Type of cable            | Copper cable (round)          |
| Description of the cable | Type R                        |

### Version

|                    |              |
|--------------------|--------------|
| Cable length       | 5 m          |
| Core structure     | 4x AWG 22/19 |
| Number of contacts | 4            |
| Coding             | D-coding     |

### Technical characteristics

|                                        |                              |
|----------------------------------------|------------------------------|
| Transmission characteristics           | Cat. 5 Class D up to 100 MHz |
| Data rate                              | 10 Mbit/s<br>100 Mbit/s      |
| Limiting temperature                   | -25 ... +60 °C               |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition  |
| Cable diameter                         | 6.3 ... 6.7 mm               |



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## Technical characteristics

|                                              |                                                                                                          |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Minimum bending radius                       | 5x Cable diameter (singular bending)                                                                     |
| Drag chain compatible                        | Yes                                                                                                      |
| Bending cycles                               | ≥ 5.000.000 @ Bending radius = 75 mm @ length ≤ 5 m @ speed ≤ 5 m/s @ acceleration ≤ 20 m/s <sup>2</sup> |
| Cycles of alternating bending (tic-toc test) | 1.000.000 @ Bending radius = 75 mm                                                                       |
| Torsional strength                           | ≥ 5.000.000 @ torsion angle= ±180° @ 1m                                                                  |

## Material properties

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

## Specifications and approvals

|          |     |
|----------|-----|
| PROFINET | Yes |
|----------|-----|

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 358.33 g                                     |
| Country of origin              | China                                        |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140337848                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| UNSPSC 24.0                    | 26121600                                     |