

## M12 X coded Cable Assembly, 2m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 21 33 050 5853 020                                                                  |
| Specification      | M12 X coded Cable Assembly, 2m                                                      |
| HARTING eCatalogue | <a href="https://harting.com/21330505853020">https://harting.com/21330505853020</a> |

### Identification

|               |                             |
|---------------|-----------------------------|
| Category      | System cabling              |
| Series        | Circular connectors M12     |
| Element       | Cable assemblies            |
| Specification | Pre-assembled on both sides |
| Connector 1   | M12 X-coding                |
|               | Male Straight               |
|               | Press&Go                    |
| Connector 2   | M12 X-coding                |
|               | Male Straight               |
|               | Press&Go                    |
| Type of cable | Copper cable (round)        |

### Version

|                 |                |
|-----------------|----------------|
| Cable length    | 2 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 |
|------------------------------|--------------------------------------------|



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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 |
| Cable diameter       | 8.1 mm         |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (cable)                     | Polyolefin copolymer                                   |
| Colour (cable)                       | Black                                                  |
| RoHS                                 | compliant with exemption                               |
| RoHS exemptions                      | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                           | compliant with exemption                               |
| China RoHS                           | 50                                                     |
| REACH Annex XVII substances          | Not contained                                          |
| REACH ANNEX XIV substances           | Not contained                                          |
| REACH SVHC substances                | Yes                                                    |
| REACH SVHC substances                | Lead                                                   |
| ECHA SCIP number                     | 760691ac-b4d2-427c-9996-5886190b813b                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead<br>Nickel                                         |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| Requirement set with Hazard Levels   | R15 (HL 1-3)<br>R16 (HL 1-3)                           |

## Specifications and approvals

|           |    |
|-----------|----|
| Approvals | CE |
|-----------|----|

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 230 g    |
| Country of origin              | Romania  |
| European customs tariff number | 85444290 |



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Commercial data

|             |                                              |
|-------------|----------------------------------------------|
| GTIN        | 5713140818538                                |
| eCl@ss      | 27060390 Ready-made data cable (unspecified) |
| ETIM        | EC002599                                     |
| UNSPSC 24.0 | 26121600                                     |