



Pushing Performance  
Since 1945

# M12 X-coded Cable Assembly, 5.0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 21 33 050 5855 050                                                                  |
| Specification      | M12 X-coded Cable Assembly, 5.0m                                                    |
| HARTING eCatalogue | <a href="https://harting.com/21330505855050">https://harting.com/21330505855050</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    | 5 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 |
|------------------------------|--------------------------------------------|



**Pushing Performance**  
Since 1945

## 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 | -20 ... +80 °C moved   |
|                      | -20 ... +80 °C unmoved |
| Cable diameter       | 6.6 mm ± 0.3 mm        |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (cable)                     | PVC                                                    |
| Colour (cable)                       | Yellow                                                 |
| 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                                                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead                                                   |

## Specifications and approvals

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

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 315.25 g                                     |
| Country of origin              | Germany                                      |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140140448                                |
| ETIM                           | EC002599                                     |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |