

## M12 D-coded Cable Assembly 30m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 21 33 232 3401 300                                                                  |
| Specification      | M12 D-coded Cable Assembly 30m                                                      |
| HARTING eCatalogue | <a href="https://harting.com/21332323401300">https://harting.com/21332323401300</a> |

### Identification

|                          |                             |
|--------------------------|-----------------------------|
| Category                 | System cabling              |
| Series                   | Circular connectors M12     |
| Identification           | PushPull                    |
| Element                  | Cable assemblies            |
| Specification            | Pre-assembled on both sides |
| Connector 1              | M12 D-coding                |
|                          | Male Straight               |
|                          | PushPull                    |
|                          | Press&Go                    |
| Connector 2              | M12 D-coding                |
|                          | Male Straight               |
|                          | PushPull                    |
|                          | Press&Go                    |
| Type of cable            | Copper cable (round)        |
| Description of the cable | for railway applications    |

### Version

|                 |             |
|-----------------|-------------|
| Cable length    | 30 m        |
| Number of cores | 4           |
| Core structure  | 4x AWG 22/7 |
| Shielding       | Shielded    |
| Coding          | D-coding    |

### Technical characteristics

|                              |                              |
|------------------------------|------------------------------|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
|------------------------------|------------------------------|



**Pushing Performance**  
Since 1945

## Technical characteristics

|                        |                                      |
|------------------------|--------------------------------------|
| Data rate              | 10 Mbit/s                            |
|                        | 100 Mbit/s                           |
| Limiting temperature   | -40 ... +85 °C unmoved               |
| Cable diameter         | 6.6 mm ± 0.2 mm                      |
| Minimum bending radius | 6x Cable diameter (repeated bending) |
|                        | 5x Cable diameter (singular bending) |
| Impedance              | 100 Ω ±5 %                           |

## Material properties

|                  |           |
|------------------|-----------|
| Material (cable) | Elastomer |
| Colour (cable)   | Black     |

## Specifications and approvals

|                |            |
|----------------|------------|
| Specifications | EN 45545-1 |
|                | EN 45545-2 |
|                | EN 45545-5 |

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Country of origin              | Romania                                      |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140248038                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |