

M12 D-cod 4-pol st/st m/m Rail 3.0m



| Part number | 09 48 222 2011 030 |
|--------------------|--|
| Specification | M12 D-cod 4-pol st/st m/m Rail 3.0m |
| HARTING eCatalogue | https://b2b.harting.com/09482222011030 |

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

Identification

| Category | System cabling |
|---------------------------|--|
| Series | Circular connectors M12 |
| Element | Cable assemblies |
| Specification | Pre-assembled on both sides |
| Connector 1 | M12 D-coding Male Straight Overmoulded |
| Connector 2 | M12 D-coding Male Straight Overmoulded |
| Type of cable | Copper cable (round) |
| Description of the cable | for railway applications |
| Version | |
| Cable length | 3 m |
| Number of cores | 4 |
| Core structure | 4x AWG 22/7 |
| Coding | D-coding |
| Technical characteristics | |

Technical characteristics

| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
|------------------------------|--|
| Data rate | 10 Mbit/s 100 Mbit/s |
| Limiting temperature | -40 +85 °C unmoved -25 +70 °C moved |

Page 1 / 2 | Creation date 2023-03-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com



Technical characteristics

| 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 |
| 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 | Antimony trioxide Lead Nickel |
| | |

Specifications and approvals

| Specifications | EN 45545-2 |
|--------------------------------|--|
| Commercial data | |
| Commercial data | |
| Packaging size | 1 |
| Net weight | 241.5 g |
| Country of origin | Romania |
| European customs tariff number | 85444290 |
| GTIN | 5713140066939 |
| eCl@ss | 27060390 Ready-made data cable (unspecified) |

Page 2 / 2 | Creation date 2023-03-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com