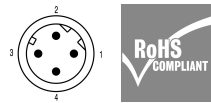


**HDC XX5E02 MFSM12D-0050**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



Robust data cables designed for use in railway applications. The Cat#6 X coded and Cat#5 D coded variants provide reliable and interference resistant data transmission for demanding onboard and trackside environments. Ideal for applications with high mechanical stress and for ensuring consistent performance under harsh conditions.

**General ordering data**

|            |   |
|------------|---|
| Order No.  | 2503700050                              |
| Type       | <a href="#">HDC XX5E02 MFSM12D-0050</a> |
| GTIN (EAN) | 4050118523645                           |
| Qty.       | 1 items                                 |

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## Technical data

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 0 g |
|------------|-----|

## Temperatures

|                   |                  |
|-------------------|------------------|
| Limit temperature | -40 °C ... 90 °C |
|-------------------|------------------|

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |

## General data

|                     |            |                       |                        |
|---------------------|------------|-----------------------|------------------------|
| Number of poles     | 4          | Cable length          | 0.5 m                  |
| Coding              | D-coded    | Contact surface       | Au (Gold)              |
| Transmission rate   | 100 MBit/s | Insulation resistance | ≥ 108 Ω                |
| Category            | Cat. 5e    | Nominal voltage       | 250 V                  |
| Nominal current     | 4 A        | Plugging cycles       | \u2265 100             |
| Pollution severity  | 2          | Opposite side version | Female, straight, M12D |
| Module side version | Male       |                       |                        |

## Cable technical specifications

|                  |                             |         |
|------------------|-----------------------------|---------|
| Cable length     | 0.5 m                       |         |
| Sheathing colour | blue                        |         |
| Shielded         | Yes                         |         |
| Halogen          | Yes, No                     |         |
| Sheath material  | Radox EM 104                |         |
| Colour coding    | white, yellow, blue, orange |         |
| Outside diameter | Diameter                    | 7.25 mm |
|                  | Signs                       | ±       |
|                  | Tolerance                   | 0.3 mm  |
| Outside diameter | 7.25 mm ± 0.3 mm            |         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 14.0 | 27-06-03-07 |
| ECLASS 15.0 | 27-06-03-07 |             |             |