

**IE-FM5D2UE0005MSD1SD1X****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Industrial Ethernet connection technology by Weidmüller offers the optimal solution for the infrastructure of your machine, system or factory. All connection technology is available from one source.

The benefits for you:

- IEC-standardised connectors, in the variants 1, 4, 5 , 6 and 14
- consistently Cat. 6<sub>A</sub> with **STEADYTEC®** technology
- in IP20 and IP67
- all relevant industrial connections: RJ45, SC, ...
- comprehensive range of accessories

**General ordering data**

|                 |                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------|
| Version         | Dragline cable, SC IP 67 bayonet V01 metal, SC IP 67 bayonet V01 metal, 50 µm, PUR, 5 m |
| Order No.       | <a href="#">1166620050</a>                                                              |
| Type            | IE-FM5D2UE0005MSD1SD1X                                                                  |
| GTIN (EAN)      | 4032248957378                                                                           |
| Qty.            | 1 pc(s).                                                                                |
| Available until | 2014-05-20                                                                              |

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Length     | 5 m   | Length (inches) | 196.85 inch |
| Net weight | 455 g |                 |             |

## Temperatures

|                          |                |                       |                |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature      | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Installation temperature | -20 °C...60 °C |                       |                |

## General standards

|                    |                                        |
|--------------------|----------------------------------------|
| Connector standard | IEC 61076-3-106 Var. 1,<br>IEC 61754-4 |
|--------------------|----------------------------------------|

## Fibre-optic

|                           |                                                   |                |                                                |
|---------------------------|---------------------------------------------------|----------------|------------------------------------------------|
| Attenuation               | 2.3 dB/km at 850 nm, &le;<br>0.5 dB/km at 1300 nm | Bandwidth      | 500 MHz*km at 850 nm,<br>500 MHz*km at 1300 nm |
| Fibre type                | GOF, Multimode, OM2                               | Insertion loss | ≤ 0.4 dB                                       |
| Return loss (attenuation) | ≥ 30 dB                                           |                |                                                |

## Cable structure

|                 |                    |                  |        |
|-----------------|--------------------|------------------|--------|
| Cable layout    | Break-out dragline | Core diameter    | 50 µm  |
| Material sheath | PUR                | Primary coating  | 245 µm |
| Sheath diameter | 6 mm               | Sheathing colour | black  |

## Mechanical and material properties of cable

|                                 |         |                                |       |
|---------------------------------|---------|--------------------------------|-------|
| Bending cycles                  | 100,000 | Min. bending radius, once only | 25 mm |
| Min. bending radius, repetitive | 77 mm   |                                |       |

## plug

|                |                               |                 |                               |
|----------------|-------------------------------|-----------------|-------------------------------|
| Connector left | SC IP 67 bayonet V01<br>metal | Connector right | SC IP 67 bayonet V01<br>metal |
|----------------|-------------------------------|-----------------|-------------------------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002607    | ETIM 7.0    | EC002607    |
| ECLASS 9.0  | 27-06-10-03 | ECLASS 9.1  | 27-06-10-03 |
| ECLASS 10.0 | 27-06-10-03 | ECLASS 11.0 | 27-06-10-03 |

## Approvals

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

## Downloads

|                    |                                          |
|--------------------|------------------------------------------|
| Brochure/Catalogue | <a href="#">Catalogues in PDF-format</a> |
|--------------------|------------------------------------------|