

**IE-FM6Z2V00020MSD0SD0X****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Assembled IE cables, FO patch cable, multimode, SC duplex - SC duplex, orange, Core diameter 62.5 µm

**General ordering data**

|            |                                                                                            |
|------------|--------------------------------------------------------------------------------------------|
| Version    | Pre-assembled patch cable, crossover, SC duplex IP 20, SC duplex IP 20, 62.5 µm, PVC, 20 m |
| Order No.  | <a href="#">8876360200</a>                                                                 |
| Type       | IE-FM6Z2V00020MSD0SD0X                                                                     |
| GTIN (EAN) | 4032248690602                                                                              |
| Qty.       | 1 pc(s).                                                                                   |

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## Technical data

## Dimensions and weights

|            |         |                 |              |
|------------|---------|-----------------|--------------|
| Length     | 20 m    | Length (inches) | 787.402 inch |
| Net weight | 298.5 g |                 |              |

## Temperatures

|                          |                |                       |               |
|--------------------------|----------------|-----------------------|---------------|
| Storage temperature      | -25 °C...75 °C | Operating temperature | -5 °C...75 °C |
| Installation temperature | -5 °C...50 °C  |                       |               |

## General standards

|                    |             |
|--------------------|-------------|
| Connector standard | IEC 61754-4 |
|--------------------|-------------|

## Standards

|                    |             |
|--------------------|-------------|
| Connector standard | IEC 61754-4 |
|--------------------|-------------|

## Fibre-optic

|             |                                               |           |                                                 |
|-------------|-----------------------------------------------|-----------|-------------------------------------------------|
| Attenuation | ≤ 3.2 dB/km at 850 nm, ≤ 0.9 dB/km at 1300 nm | Bandwidth | ≥ 250 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm |
| Fibre type  | GOF, Multimode, OM1                           |           |                                                 |

## Cable structure

|                       |          |                  |         |
|-----------------------|----------|------------------|---------|
| Cable layout          | ZIPCORD  | Core diameter    | 62.5 µm |
| Material sheath       | PVC      | Primary coating  | 245 µm  |
| Sheath diameter       | 3*6 mm   | Sheathing colour | orange  |
| Standard designations | I-V(ZN)Y |                  |         |

## Mechanical and material properties of cable

|                                |       |                                 |       |
|--------------------------------|-------|---------------------------------|-------|
| Min. bending radius, once only | 30 mm | Min. bending radius, repetitive | 60 mm |
|--------------------------------|-------|---------------------------------|-------|

## Plug

|           |                                                                    |            |                                                                    |
|-----------|--------------------------------------------------------------------|------------|--------------------------------------------------------------------|
| Plug left | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded | Plug right | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|-----------|--------------------------------------------------------------------|------------|--------------------------------------------------------------------|

## Plug, left

|           |                                                                    |
|-----------|--------------------------------------------------------------------|
| Plug left | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|-----------|--------------------------------------------------------------------|

## Plug, right

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| Plug right | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|------------|--------------------------------------------------------------------|

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002607    | ETIM 7.0    | EC002607    |
| ETIM 8.0    | EC002607    | ETIM 9.0    | EC002607    |
| ETIM 10.0   | 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 | ECLASS 12.0 | 27-06-10-03 |
| ECLASS 13.0 | 27-06-10-03 | ECLASS 14.0 | 27-06-10-03 |
| ECLASS 15.0 | 27-06-10-03 |             |             |

**Environmental Product Compliance**

|                                      |                          |
|--------------------------------------|--------------------------|
| RoHS Compliance Status               | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c                       |
| REACH SVHC                           | Lead 7439-92-1           |

**Approvals**

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

**Downloads**

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a>          |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                                    |
| Brochures          | <a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |

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## Drawings

### Detailed drawing

