

**Industrial Ethernet
IE-FM5Z2V00010MSD0SD0X**

Weidmüller Interface GmbH & Co. KG
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Assembled IE cables, FO patch cable, multimode, SC duplex - SC duplex, orange, Core diameter 50 µm

General ordering data

| | |
|------------|--|
| Type | IE-FM5Z2V00010MSD0SD0X |
| Order No. | 8876350100 |
| Version | Pre-assembled patch cable, crossover, SC duplex IP 20, SC duplex IP 20, 50 µm, PVC, 10 m |
| GTIN (EAN) | 4032248609604 |
| Qty. | 1 pc(s). |

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Length | 10 m | Length (inches) | 0.394 inch |
| Net weight | 161 g | | |

Temperatures

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

General standards

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

Fibre-optic

| | | | |
|-------------|---|-----------|--|
| Attenuation | ≤ 2.7 dB/km at 850 nm, ≤ 0.7 dB/km at 1300 nm | Bandwidth | ≥ 600 MHz*km at 850 nm, ≥ 1200 MHz*km at 1300 nm |
| Fibre type | GOF, Multimode, OM2 | | |

Cable structure

| | | | |
|-----------------|---------|-----------------------|----------|
| Core diameter | 50 µm | Sheath diameter | 3*6 mm |
| Cable layout | ZIPCORD | Standard designations | I-V(ZN)Y |
| Material sheath | PVC | Sheathing colour | orange |

Mechanical and material properties of cable

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

plug

| | | | |
|----------------|-----------------|-----------------|-----------------|
| Connector left | SC duplex IP 20 | Connector right | SC duplex IP 20 |
|----------------|-----------------|-----------------|-----------------|

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 | UNSPSC | 30-21-18-01 |

Approvals

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

Downloads

| | |
|--------------------|--|
| Brochure/Catalogue | CAT 9 IETH 18/19 EN FL FIELDWIRING EN PI PROFINET CABLING EN |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |

Data sheet

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Drawings

Detailed drawing

