

**IE-C6GO6LR025CF40F40-X-K6KV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

LMN cable, RJ12 / RJ12, twisted-pair, suitable for smart metering applications, unshielded

**General ordering data**

|            |                                                    |
|------------|----------------------------------------------------|
| Version    | Patch cable, RJ12, RJ12, Cat.3, LSZH, 0.25 m, 6 kV |
| Order No.  | <a href="#">2979940000</a>                         |
| Type       | IE-C6GO6LR025CF40F40-X-K6KV                        |
| GTIN (EAN) | 4099986834262                                      |
| Qty.       | 1 pc(s).                                           |

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**Technical data****Dimensions and weights**

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Length     | 0.25 m | Length (inches) | 9.843 inch |
| Net weight | 90 g   |                 |            |

**Temperatures**

|                       |                |
|-----------------------|----------------|
| Operating temperature | -20 °C...60 °C |
|-----------------------|----------------|

**General standards**

|                                                     |                       |                    |            |
|-----------------------------------------------------|-----------------------|--------------------|------------|
| Application-specific communication cable facilities | VDE-AR-N 4100:2019-04 | Connector standard | TIA-1096-A |
|-----------------------------------------------------|-----------------------|--------------------|------------|

**Cable structure**

|                       |              |                       |         |
|-----------------------|--------------|-----------------------|---------|
| Cross-section         | 3x2xAWG 24/7 | Material sheath       | LSZH    |
| Number of wires       | 6            | Sheath diameter       | 4.8 mm  |
| Sheath diameter, max. | 4.95 mm      | Sheath diameter, min. | 4.65 mm |
| Sheathing colour      | red          | Shielding             | U/UTP   |

**Electrical properties of cable**

|                                 |       |                     |          |
|---------------------------------|-------|---------------------|----------|
| Category                        | Cat.3 | Insulation strength | ≥ 100 MΩ |
| Insulation voltage, max.        | 500 V | Operating voltage   | 50 V     |
| Rated impulse withstand voltage | 6 kV  |                     |          |

**Mechanical and material properties of cable**

|                               |                                |         |    |
|-------------------------------|--------------------------------|---------|----|
| Colour                        | red                            | Halogen | No |
| Resistance to spread of flame | in accordance with IEC 60332-1 |         |    |

**Plug**

|           |                                                      |            |                                                      |
|-----------|------------------------------------------------------|------------|------------------------------------------------------|
| Plug left | RJ12, IP20, male contact, straight, plug, unshielded | Plug right | RJ12, IP20, male contact, straight, plug, unshielded |
|-----------|------------------------------------------------------|------------|------------------------------------------------------|

**Plug, left**

|           |                                                      |
|-----------|------------------------------------------------------|
| Plug left | RJ12, IP20, male contact, straight, plug, unshielded |
|-----------|------------------------------------------------------|

**Plug, right**

|            |                                                      |
|------------|------------------------------------------------------|
| Plug right | RJ12, IP20, male contact, straight, plug, unshielded |
|------------|------------------------------------------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 9.0  | 27-06-03-08 |
| ECLASS 9.1  | 27-06-03-08 | ECLASS 10.0 | 27-06-03-08 |
| ECLASS 11.0 | 27-06-03-08 | ECLASS 12.0 | 27-06-03-08 |
| ECLASS 13.0 | 27-06-03-08 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

**Approvals**

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

**Downloads**

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

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Drawing**