

IE-C6GO6LR043CF40F40-X-K6KV

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

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, 0.43 m, 6 kV |
| Order No. | 2979960000 |
| Type | IE-C6GO6LR043CF40F40-X-K6KV |
| GTIN (EAN) | 4099986834286 |
| Qty. | 1 items |

IE-C6GO6LR043CF40F40-X-K6KV

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|--------------|
| Length | 0.43 m | Length (inches) | 16.9291 inch |
| Net weight | 19.36 g | | |

Temperatures

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

Environmental Product Compliance

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

General standards

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

Cable structure

| | | | |
|-----------------------|---|-----------------------|---------|
| Sheath diameter | 4.8 mm | Sheathing colour | red |
| Cross-section | 3x2xAWG 24/7 | Shielding | U/UTP |
| Number of wires | 6 | Sheath diameter, max. | 4.95 mm |
| Sheath diameter, min. | 4.65 mm | Material sheath | LSZH |
| Cable layout | Double insulation according to VDE 0603-100 | | |

Electrical properties of cable

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

Mechanical and material properties of cable

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

Plug

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

IE-C6GO6LR043CF40F40-X-K6KV

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

www.weidmueller.com

Technical data**Plug, left**

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

Plug, right

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 | | |

Drawings

Wiring diagram



Drawing

