

IE-C6OP8LO020CN40N40-O-K4KV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled cables with 2x RJ45, suitable for smart metering applications, different colors in accordance with DIN VDE 0603-100. Short plugs and cables with small bending radius for tight spaces, plug housing with circumferential insulation allow protection class IP30 in mated condition.

General ordering data

| | |
|------------|--|
| Version | Patch cable, RJ45 IP30 (plugged), RJ45 IP30 (plugged), Cat. 6, LSZH, 0.2 m, , straight, 4 kV |
| Order No. | 3009480002 |
| Type | IE-C6OP8LO020CN40N40-O-K4KV |
| GTIN (EAN) | 4099986912915 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|-------|-----------------|------------|
| Length | 0.2 m | Length (inches) | 7.874 inch |
| Net weight | 25 g | | |

Temperatures

| | | | |
|-----------------------|----------------|--------------------------|--------------|
| Operating temperature | -20 °C...70 °C | Installation temperature | 0 °C...50 °C |
|-----------------------|----------------|--------------------------|--------------|

Electrical properties

| | |
|-------------------|------|
| Operating voltage | 30 V |
|-------------------|------|

General standards

| | |
|--------------------|----------------|
| Connector standard | IEC 60603-7-51 |
|--------------------|----------------|

Standards

| | |
|--------------------|----------------|
| Connector standard | IEC 60603-7-51 |
|--------------------|----------------|

Cable structure

| | | | |
|-----------------------|---|-----------------------|--|
| Cable layout | Double insulation according to VDE 0603-100 | Colour coding | white / blue, white / orange, white / green, white / brown |
| Complete shielding | Shielding braid made from copper wiring, Aluminium foil | Cross-section | 4x2xAWG 26/7. 4x2x0.128 mm ² |
| Insulation | PE | Material sheath | LSZH |
| Number of wires | 8 | Sheath diameter, max. | 4.1 mm |
| Sheath diameter, min. | 3.9 mm | Sheathing colour | orange |
| Shielding | SF/UTP | | |

Electrical properties of cable

| | | | |
|---------------------------------|----------|--------------------|------|
| Category | Cat. 6 | Operating voltage | 30 V |
| Rated impulse withstand voltage | 4 kV | Rated voltage (DC) | 30 V |
| Signal propagation time | 5.1 ns/m | | |

Mechanical and material properties of cable

| | | | |
|--------|--------|-------------------------------|----------------------------------|
| Colour | orange | Resistance to spread of flame | in accordance with IEC 60332-1-2 |
|--------|--------|-------------------------------|----------------------------------|

Plug

| | | | |
|-----------|--|------------|--|
| Plug left | RJ45, IP30 (plugged), male contact, straight, plug, shielded | Plug right | RJ45, IP30 (plugged), male contact, straight, plug, shielded |
|-----------|--|------------|--|

Plug, left

| | |
|-----------|--|
| Plug left | RJ45, IP30 (plugged), male contact, straight, plug, shielded |
|-----------|--|

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www.weidmueller.com**Technical data****Plug, right**

| | |
|------------|--|
| Plug right | RJ45, IP30 (plugged), male contact, straight, plug, shielded |
|------------|--|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ETIM 9.0 | 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 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | / |
|------------|---|

Approvals

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| ROHS | Conform |
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Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
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