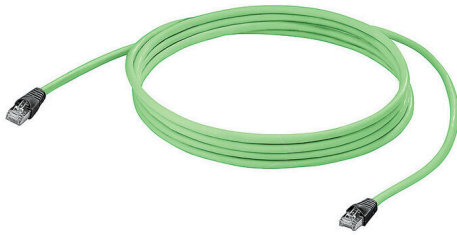


IE-C5ED8UG0100A40A40-E

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

www.weidmueller.com



General ordering data

| | |
|------------|--|
| Version | Dragline cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 10 m |
| Order No. | 8944460100 |
| Type | IE-C5ED8UG0100A40A40-E |
| GTIN (EAN) | 4032248744220 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|-------|-----------------|---------------|
| Length | 10 m | Length (inches) | 393.7008 inch |
| Net weight | 553 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Installation temperature | -40 °C...80 °C | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Cable specific standards

| | | | |
|-------------------------------|------------------------------|------------------------------|--------------------------|
| Standard, insulating material | DIN EN 50290-2-25 (HD 624.5) | Standard, wire material | DIN EN 13602 Cu-ETP-A |
| Standard, assembly | UL-Style 20963 (80°C/30V) | Standard, shielding material | DIN EN 13602 Cu-ETP-A..B |
| Impervious to smoke | According to IEC 61034-2 | | |

General standards

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

Cable structure

| | | | |
|---------------------------------------|---|--------------------------------|---|
| Strands | 7 | Sheathing colour | green (RAL 6018) |
| Standard designations | LI9Y(ST)C11Y 4X2X0.14 VZN GN, SF/UTP | Cross-section | 4*2*AWG 26/7 - 4*2*0.128 mm ² |
| Shielding | SF/UTP | Insulation cross-section | 0.95 mm |
| Sheath diameter, max. | 6.8 mm | Sheath diameter, min. | 6.5 mm |
| Material sheath | PUR | Filler | As central element, Between the individual wire pairs |
| Arrangement of wire cores | Twisted pair | Wire core insulation thickness | 0.23 mm |
| Complete shielding | Plastic foil, Aluminium foil, Shielding braid made from copper wiring | Overlap of shielding braid | 90 % |
| Wire material | Stranded tin-plated copper wire | Sheathing material thickness | 0.85 mm |
| Colour sequence or wires - wire pairs | white/blue - blue, white/ orange - orange, white/ green - green, white/ brown - brown | Shielding braid thickness | 0.1 mm |

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Electrical properties of cable

| | | | |
|--------------------------------|--|-------------------------------|-------------------------|
| Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) | Speed | 180 m/min |
| Loop resistance | 290 Ω/km | Signal propagation time | 5.55 ns/m |
| Test voltage: wire-wire-shield | 700 Vrms, 50 Hz, 1 min | Capacity at 800 Hz | 50 nF/km |
| Resistance differential | 2 % | Operating voltage, UL | 30 V |
| Delay skew | 40 ns/100m | Operating voltage (UL rating) | 30 V |
| Transfer impedance | 100 mΩ/m at 10 MHz | Characteristic impedance | 100 ± 15 Ω at 1–100 MHz |

Mechanical and material properties of cable

| | | | |
|---------------------------------|---|---------------------|--------------------|
| Resistance to oils | in accordance with IEC 60811-2-1 | Silicone-free | Yes |
| UV-resistant | Yes | Pulling force | ≤ 100 N |
| Halogen | halogen-free, according to IEC 60754-2 | Acceleration | 5 m/s ² |
| Min. bending radius, repetitive | 60 mm | Abrasion resistance | very good |
| Resistance to spread of flame | in accordance with IEC 60332-1 | Speed | 180 m/min |
| Fire propagation | No | Torsion resistance | 30 °/m |
| Impervious to smoke | According to IEC 61034-2 | | |

Plug

| | | | |
|------------|--|-----------|--|
| Plug right | RJ45, IP20, male contact, straight, Plastic, shielded | Plug left | RJ45, IP20, male contact, straight, Plastic, shielded |
|------------|--|-----------|--|

Plug, left

| | |
|-----------|--|
| Plug left | RJ45, IP20, male contact, straight, Plastic, shielded |
|-----------|--|

Plug, right

| | |
|------------|--|
| Plug right | RJ45, IP20, male contact, straight, Plastic, shielded |
|------------|--|

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 | | |