

IE-C5ES8UG0010A40A40-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Assembled IE cables, patch cable Cabinet Line, various colours

General ordering data

| | |
|------------|---|
| Version | System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 1 m |
| Order No. | 8829560000 |
| Type | IE-C5ES8UG0010A40A40-E |
| GTIN (EAN) | 4032248534050 |
| Qty. | 1 pc(s). |

Creation date March 29, 2021 11:23:08 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

| | | | |
|------------|------|-----------------|------------|
| Length | 1 m | Length (inches) | 39.37 inch |
| Net weight | 55 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Installation temperature | -10 °C...60 °C | | |

Cable specific standards

| | | | |
|------------------------|---------------------------|--|---------------------------------------|
| Corrosiveness of fumes | to IEC 60754-2 | Generic communication cable facilities | ISO / IEC 11801:2002, EN 50173-1:2007 |
| Standard, assembly | UL-Style 20963 (80°C/30V) | | |

General standards

| | |
|--------------------|-----------------|
| Connector standard | IEC 60603-7-5 1 |
|--------------------|-----------------|

Standards

| | | | |
|--|---------------------------------------|------------------------|---------------------------|
| Connector standard | IEC 60603-7-5 1 | Corrosiveness of fumes | to IEC 60754-2 |
| Generic communication cable facilities | ISO / IEC 11801:2002, EN 50173-1:2007 | Standard, assembly | UL-Style 20963 (80°C/30V) |

Cable structure

| | | | |
|---------------------------|---|---------------------------------------|--|
| Arrangement of wire cores | Twisted pair | Colour sequence or wires - wire pairs | white - blue, white - orange, white - green, white - brown |
| Complete shielding | Aluminium foil, Shielding braid made from copper wiring | Cross-section | 4*2*AWG 26/7 - 4*2*0.128 mm ² |
| Insulation | PE | Insulation cross-section | 1 mm |
| Material sheath | PUR | Number of wires | 8 |
| Sheath diameter, max. | 6.1 mm | Sheath diameter, min. | 5.7 mm |
| Sheathing colour | green (RAL 6018) | Shielding | SF/UTP |
| Shielding braid thickness | 0.1 mm | Standard designations | LI02YS(ST)C11Y 4x2x0.15-100 GN NC, SF/UTP |
| Strands | 7 | Wire material | Stranded tin-plated copper wire |

Electrical properties of cable

| | | | |
|--------------------------------|---------------------|-------------------------|---|
| Capacity at 1 kHz | 50 nF/km | Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
| Characteristic impedance | 100 ± 5 Ω at 100MHz | Deviation | 25 ns/100m |
| Loop resistance | 290 Ω/km | Signal propagation time | 4.85 ns/m |
| Test voltage: wire-wire-shield | 700 V AC | | |

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Technical data**Mechanical and material properties of cable**

| | | | |
|---------------------------------|--|--------------------------------|----------------------------------|
| Abrasion resistance | very good | Corrosiveness of fumes | to IEC 60754-2 |
| Halogen | halogen-free, according to IEC 60754-2 | Min. bending radius, once only | 5 x cable diameter |
| Min. bending radius, repetitive | 10 x cable diameter | Resistance to oils | in accordance with IEC 60811-2-1 |
| Resistance to spread of flame | in accordance with IEC 60332-1 | Silicone-free | Yes |
| UV-resistant | Yes | | |

Plug, left

| | |
|----------------|------------|
| Connector left | RJ45 IP 20 |
|----------------|------------|

Plug, right

| | |
|-----------------|------------|
| Connector right | RJ45 IP 20 |
|-----------------|------------|

plug

| | | | |
|----------------|------------|-----------------|------------|
| Connector left | RJ45 IP 20 | Connector right | RJ45 IP 20 |
|----------------|------------|-----------------|------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | 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 |

Approvals

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

Downloads

| | |
|--------------------|--|
| Engineering Data | STEP |
| Engineering Data | WSCAD |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |

Data sheet**IE-C5ES8UG0010A40A40-E****Weidmüller Interface GmbH & Co. KG**
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Germanywww.weidmueller.com**Drawings****Wiring**

| | | | | |
|------|---|---------------|---|------|
| RJ45 | 1 | white, orange | 1 | RJ45 |
| | 2 | orange | 2 | |
| | 3 | white, green | 3 | |
| | 4 | blue | 4 | |
| | 5 | white, blue | 5 | |
| | 6 | green | 6 | |
| | 7 | white, brown | 7 | |
| | 8 | brown | 8 | |