

IE-C5ES8VG-500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Bulk stock, copper cable, flexible, 4 x 2 x AWG 26/7, Cat. 5, green

General ordering data

| | |
|------------|---|
| Version | System cable, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, 500 m |
| Order No. | 2763510000 |
| Type | IE-C5ES8VG-500 |
| GTIN (EAN) | 4064675030997 |
| Qty. | 1 pc(s). |

IE-C5ES8VG-500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|-----------------|
| Length | 500 m | Length (inches) | 19,685.039 inch |
| Net weight | 11,000 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...75 °C | Operating temperature | -40 °C...75 °C |
| Installation temperature | 0 °C...50 °C | | |

Technical specifications for cable

| | | | |
|------------------|------------------|--------------------------------|--------------------------------|
| Insulation | PE | Number of poles | 8 |
| Number of wires | 8 | Resistance to spread of flame | in accordance with IEC 60332-1 |
| Sheathing colour | green (RAL 6018) | Test voltage: wire-wire-shield | 700 V AC |

Cable structure

| | | | |
|---------------------------|---|---------------------------------------|--|
| Arrangement of wire cores | | Colour sequence or wires - wire pairs | white - blue, white - orange, white - green, white - brown |
| | Twisted pair | | |
| Complete shielding | Aluminium foil, Shielding braid made from copper wiring | Cross-section | 4*2*AWG 26/7 - 4*2*0.128 mm ² |
| Diameter of wire pair | 2 mm | Insulation | PE |
| Insulation cross-section | 1 mm | Material sheath | PVC |
| Number of wires | 8 | Overlap of shielding braid | 65 % |
| 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 | SF/UTP, IE-5CC4x2xAWG26/7-PVC LI02YS(ST)CY |
| Strands | 7 | Wire core insulation thickness | 0.25 mm |
| Wire material | Stranded tin-plated copper wire | | |

Electrical properties of cable

| | | | |
|--------------------------|---------------------|--------------------------------|---|
| Capacity at 1 kHz | 47 nF/km | Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
| Characteristic impedance | 100 ± 5 Ω at 100MHz | Delay skew | 25 ns/100m |
| Loop resistance | 290 Ω/km | Resistance differential | 3 % |
| Signal propagation time | 4.85 ns/m | Test voltage: wire-wire-shield | 700 V AC |
| Transfer impedance | 10 mΩ/m at 10 MHz | | |

Mechanical and material properties of cable

| | | | |
|--------------------------------|--------------------------------|---------------------------------|---------------------|
| Abrasion resistance | good | Fire propagation | No |
| Min. bending radius, once only | 5 x cable diameter | Min. bending radius, repetitive | 10 x cable diameter |
| Resistance to spread of flame | in accordance with IEC 60332-1 | | |

IE-C5ES8VG-500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000830 | ETIM 7.0 | EC003249 |
| ETIM 8.0 | EC003249 | ETIM 9.0 | EC003249 |
| ECLASS 9.0 | 27-06-18-05 | ECLASS 9.1 | 27-06-90-90 |
| ECLASS 10.0 | 27-06-18-01 | ECLASS 11.0 | 27-06-18-01 |
| ECLASS 12.0 | 27-06-18-01 | ECLASS 13.0 | 27-06-18-01 |

Approvals

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

Downloads

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

IE-C5ES8VG-500

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

www.weidmueller.com

Drawings

Detailed drawing

