

M12 female 0° / RJ45 45° right shielded Ethernet

PUR 2x2xAWG22 shielded gn UL/CSA 25m

Female straight – male 45° right

M12 – RJ45, 4-pole

D-coded

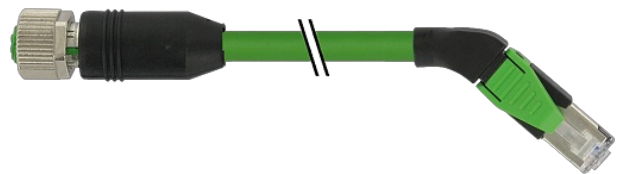
shielded

Ethernet CAT5

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Illustration

Product may differ from Image

More Info

EtherNet/IP

**Form**

Form 44661

Cables

| | |
|----------------------------|-------------------------------------|
| No./diameter of wires | 2 × 2 × AWG22/7 (0.355) |
| Wire isolation | PE (wh, ye, bl, or) |
| Jacket Color | green |
| Material (jacket) | PUR (UL/CSA) |
| Outer Ø | 6.7 mm ±5% |
| Bend radius (moving) | 12 × outer Ø |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -30...+70 °C |
| Cable identification | 794 |
| Approval (cable) | UL (AWM-Style 20233/10578), CSA; CE |
| Cable weight [g/m] | 75,87 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 55 Ω/km (20 °C) |
| Construction (core) | 7 × 0.254 mm |
| Diameter (core) | 2 × 2 × AWG22/7 (0.355) |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PE |
| Wire-Ø incl. isolation | 1.55 mm ±5% |
| Color/numbering of wires | wh, ye, bl, or |
| Shield | yes |

| | |
|----------------------------|--|
| | min. 85% |
| Material (jacket) | PUR |
| Outer-Ø (jacket) | 6.7 mm ±5% |
| Color (jacket) | green |
| chemical resistance | good resistance to oil, gasoline and chemicals |
| thermal resistance | flame retardant |
| Nominal voltage | 300 V |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -30...+70 °C |
| Bend radius (fixed) | 6× outer Ø |
| Bend radius (moving) | 12× outer Ø |

Technical Data

| | |
|-------------------------------|--|
| Operating voltage | max. 60 V DC |
| Rated surge voltage | 1.0 kV |
| Operating current per contact | max. 1.5 A (20 °C) |
| Material group | IEC 60664-1, category I |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | up to 100 Mbit/s full duplex |
| Coding | M12, D-coded |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP20/IP67 |
| Locking material | Zinc die casting, matte nickel plated |
| Material | PUR |

General data

| | |
|-------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444210 |
| EAN | 4048879641395 |
| eClass | 27061801 |
| Packaging unit | 1 |