


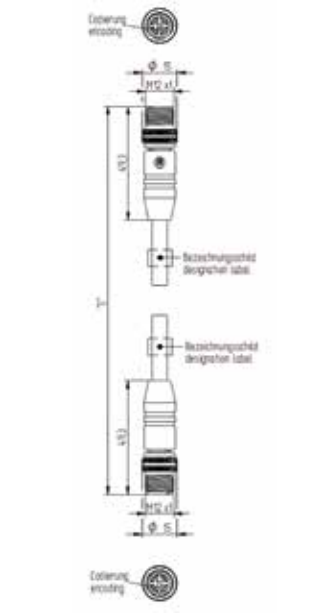
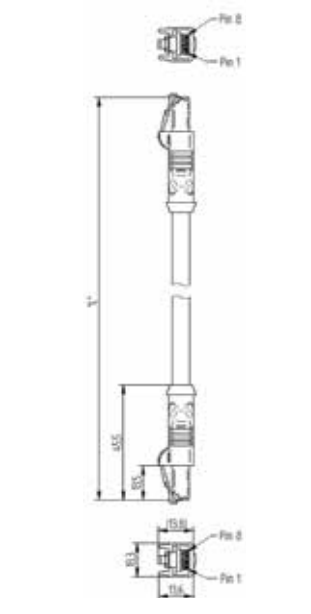
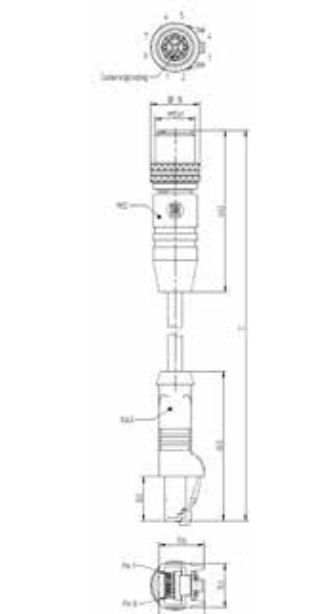





Gigabit Shielded Ethernet Double-Ended Cord Sets

Foil/Braid Shield, 26 AWG, PUR Jacket

| Type | 0985 478 601 | | 0985 478 603 | | 0985 478 604 | |
|--------------------------------|--|---------------------|--|---------------------|---|---------------------|
| |  | |  | |  | |
| Product description | Cord sets, double-ended, M12-M12, Industrial Ethernet Data cable for GigaBit Applications, molded with M12 male connectors, 8 poles X coded, 1M, 2M, and 5M cable lengths. | | Cord set, double-ended, RJ45-RJ45, Industrial Ethernet Data cable for GigaBit Applications, molded with RJ45 connectors, PUR jacket, halogen-free, black, 2M, 5M, 10M and 15M cable lengths. | | Cord set, double-ended, M12-RJ45, Industrial Ethernet Data cable for GigaBit Applications, molded with M12 male connector (X coded, 8 poles) and RJ45 connector, PUR jacket, halogen-free, black, 1M, 2M, and 5M cable lengths. | |
| Note | Transmission properties for Cat 6 and Cat 6A compliant with IEC PAS 61076-2-109. The application of these products in harsh environments should always be checked before use. | | | | | |
| Color of housing | black | | | | | |
| Number of contacts | 8 | | | | | |
| Product characteristics | Oil resistance, EMC resistance, Drag chains suitable, UV resistance | | | | | |
| Ordering information | Part number | Order number | Part number | Order number | Part number | Order number |
| | 0985 478 601/1M | 934-637-028 | 0985 478 603/2 M | 934 637-613 | 0985 478 604/1 M | on request |
| | 0985 478 601/2M | 934-637-029 | 0985 478 603/5M | 934-637-615 | 0985 478 604/2M | on request |
| | 0985 478 601/5M | 934-637-030 | 0985 478 603/10M | 934-637-616 | 0985 478 604/5M | on request |
| | - | - | 0985 478 603/15M | 934-637-663 | - | - |
| Technical illustration | M12 to M12 | | RJ45 to RJ45 | | M12 to RJ45 | |
| |  | |  | |  | |
| Face View / Color Code | M12 to M12 | | RJ45 to RJ45 | | M12 to RJ45 | |
| |  1 = white/orange 5 = white/brown 2 = orange 6 = brown 3 = white/green 7 = white/blue 4 = green 8 = blue | |  1 = white/orange 5 = white/brown 2 = orange 6 = brown 3 = white/green 7 = white/blue 4 = green 8 = blue | |  1 = white/orange 5 = white/brown 2 = orange 6 = brown 3 = white/green 7 = white/blue 4 = green 8 = blue | |



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| Environmental conditions | 0985 478 601 | 0985 478 603 | 0985 478 604 |
|---------------------------------------|---|----------------|---|
| Environmental temperature | IP 67 | IP20 | IP 67 (M12) / IP 20 (RJ45) |
| Degree of protection (IP), mounted | -40°C to +85°C | -20°C to +75°C | -30°C to 90°C (M12), -20°C to 75°C (RJ45) |
| Pollution degree | 3 | | |
| Classifications | | | |
| Belden class | Industrial Ethernet Data Cables | | |
| Belden brand | Lumberg Automation | | |
| Mechanical data | | | |
| Type of plug-in contact | Male to Male | | |
| Design of housing | Straight to Straight | | |
| Thread | M12 to M12 | RJ45 to RJ45 | M12 to RJ45 |
| Coding | D | – | D (M12) |
| Materials | | | |
| Housing material / Molded body | PA | TPU | PA (M12) / TPU (RJ45) |
| Contact bearer material | PBT | PC | PA (M12) |
| Contact material | CuSn | | |
| Contact material / Surface refinement | gold-plated | | |
| Contact bearer material | | PC | PC (RJ45) |
| Knurled screw / nut material | CuZn, nickel-plated | | |
| Approvals | | | |
| Approvals | EN 50155, IEC 61373, DIN CLC/TS 50467, DIN CEN/TS 45545, DIN 5510 | – | – |
| RoHS 2002/95 EG compliant | yes | | |
| Cable specifications | | | |
| Cable jacket | PUR | | |
| Color | Black | | |
| Gauge | 26 AWG | | |
| Overall diameter | 6.5 mm | | |
| Conductor | 8 | | |
| Insulation | PE | | |
| Foil shield | yes | | |
| Braided shield | yes | | |
| Electrical data | | | |
| Contact resistance | ≤ 5 mΩ | | |
| Rated current In | 4 A at 40°C | 1 A at 40°C | |
| Nominal voltage | 60 V | 50 V | |
| Rated voltage | 250 V | – | |
| Test voltage | 2 kV eff./60 s | – | |
| Insulation resistance | > 1 GΩ | | |
| Characteristics | | | |
| | | | |

The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.