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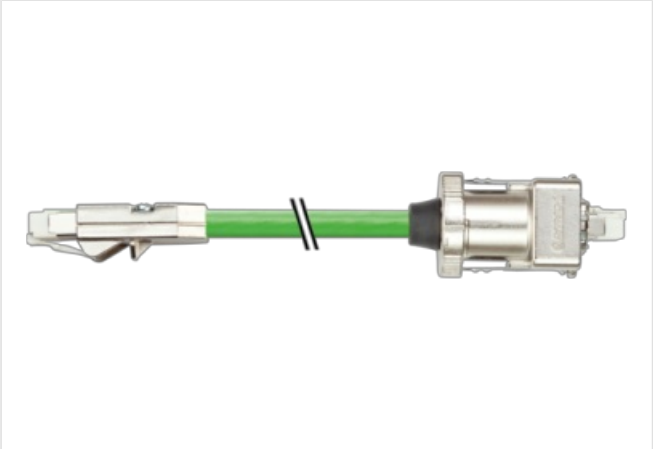
## DRIVE CLIQ CABLE

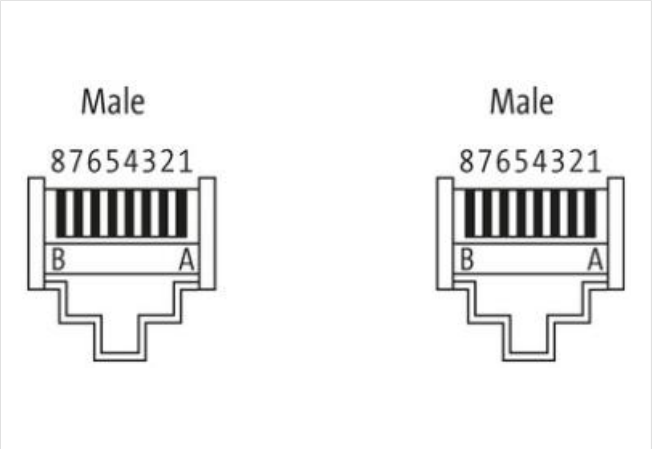
Specification: 6FX8002-2DC10-1AF0

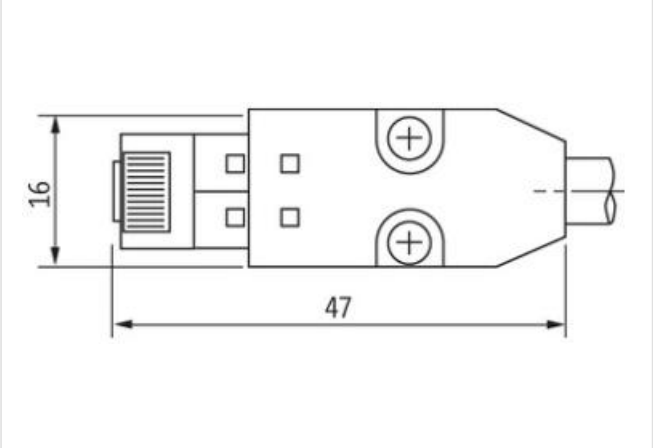
DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires
Male straight – male straight
DRIVE-CLiQ IP67 – DRIVE CLiQ IP20
Further cable lengths on request.
The resistance to aggressive media should be individually tested for your application. Further details on request.

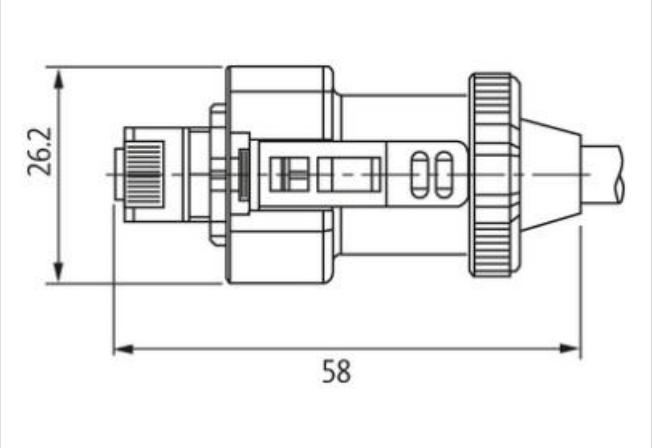
Link to Product

**Illustration**






Product may differ from Image

| | |
|---|---|
| Cable length | 5 m |
| **Side 1** | |
| Mounting method | pluggable |
| Family construction form | RJ45 |
| **Side 2** | |
| Mounting method | pluggable |
| **Commercial data** | |
| ECLASS-6.0 | 27061801 |

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| | |
|---|---|
| ECLASS-7.0 | 27061801 |
| ECLASS-8.0 | 27061801 |
| ECLASS-9.0 | 27061801 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC000830 |
| customs tariff number | 85444210 |
| GTIN | 4048879478540 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Operating current max. | 1,76 A |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP20, IP67 |
| Pollution Degree | 3 |
| Rated surge voltage | 0,5 kV |
| Material group (IEC 60664-1) | II |
| **Mechanical data \| Mounting data** | |
| Looking techniques | DRIVE-CLiQ |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |
| **Important installation notes** | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| **Installation \| Cable** | |
| wire arrangement | green, yellow, pink, blue, red, black |
| Cable identification | 880 |
| Jacket Color | green |
| Amount stranding | 2 |
| Stranding | 2 wires twisted |
| Stranding (type 2) | 2 wires around Stranding combination twisted |
| Cable shielding (type) | copper braiding, bare |
| Cable shielding (coverage) | 85 % |
| wire arrangement | green, yellow, pink, blue, red, black |
| Cable weigth | 75,9 g/m |
| Material jacket | PUR |
| Outer-diameter (jacket) | 6,9 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | Polyolefin |
| Amount wires | 4 |
| Conductor crosssection (wire) | 0,2 mm² |
| Material wire insulation (Data) | Polyolefin |
| Amount wires (Data) | 2 |
| Conductor crosssection wire (Data) | 0,38 mm² |
| Min. operating temperature (static) | -20 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -20 °C |

| | |
|---|---|
| Operating temperature max. (dynamic) | 60 °C |
| Flame resistance | UL 1581 § 1090 \| UL 1581 § 1100 FT2 \| IEC 60332-2-2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing \| DIN EN 60811-404 |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) | 5 Mio. |
| Torsion stress | ± 30 °/m |