

DRIVE CLIQ CABLE

Specification: 6FX5002-2DC10-1CC0

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires

Male straight – male straight DRIVE-CLiQ IP67 – DRIVE CLiQ IP20

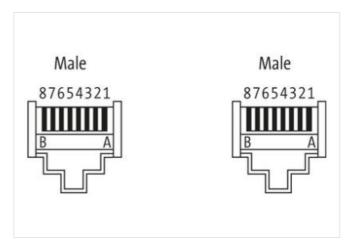
Further cable lengths on request.

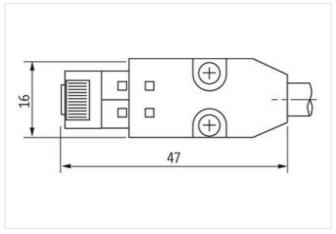
The resistance to aggressive media should be individually tested for your application. Further details on request.

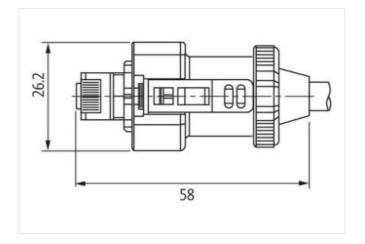
Link to Product

Illustration









Product may differ from Image

Cable length	22 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Side 2	
Mounting method	pluggable
Commercial data	
ECLASS-6.0	27061801



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 4048879759861 Packaging unit Electrical data | Supply Operating voltage AC max. 30 V 30 V Operating voltage DC max. 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) Ш Mechanical data | Mounting data Looking techniques DRIVE-CLiQ Environmental characteristics | Climatic Operating temperature min. -20 °C 80 °C Operating temperature max. 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Installation | Cable wire arrangement (green, yellow), (pink, blue), (red, black) Cable identification Hybrid, Data, Power Function cable Jacket Color green Type of Certificate cURus Amount stranding 3 Stranding 2 wires with Filler twisted Stranding (type 2) 3 Stranded joints with Filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 85 % Filler yes wire arrangement (green, yellow), (pink, blue), (red, black) Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free, silicone-free Outer-diameter (jacket) 6,95 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PΕ Amount wires 4 Outer diameter insulation 1,03 mm

The information in this Product-PDF has been compiled with the utmost care.

Outer diameter tolerance core insulation

Ingredient freeness wire insulation

Amount strands (wire)

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

±5%

lead-free, CFC-free, halogen-free, silicone-free



Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Electrical function wire	Data
Material wire insulation (Power)	PE
Outer diameter wire insulation (Power)	1,03 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power)	lead-free, CFC-free, halogen-free
Amount wires (Power)	2
Amount strands wire (Power)	7
Diameter of single wires (Power)	22 AWG
Wire conductor cross section (Power)	22 AWG
Material conductor wire (Power)	copper stranded wire, tinned
Nominal voltage AC max.	30 V
Electrical function wire	Data
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	90 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	55 Ω/km @20 °C
AC withstand voltage (wire - wire)	0,5 kV @ 60 s
Electric capacitance	50000 pF/km
Power frequency withstand voltage (wire - jacket)	0,5 kV @ 60 s
AC withstand voltage (wire - shield)	0,5 kV @ 60 s
Isolation resistance	1000 MΩ × km
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	0 °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
No. of bending cycles (C-track)	0,1 Mio.
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	0,5 m/s @ 25 °C