

## **DRIVE CLIQ CABLE**

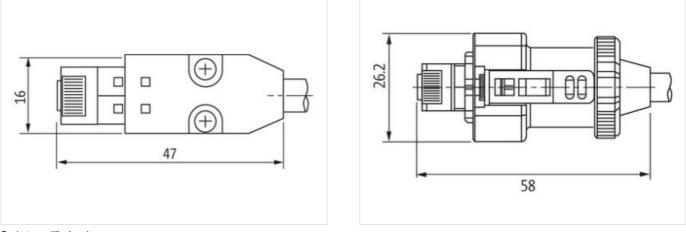
Specification: 6FX8002-2DC10-1BA5

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	10,5 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	4048879541060
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	
Installation   Cable wire arrangement	green, yellow, pink, blue, red, black
	green, yellow, pink, blue, red, black 880
wire arrangement	
wire arrangement Cable identification	880
wire arrangement Cable identification Jacket Color	880 green
wire arrangement Cable identification Jacket Color Amount stranding	880 green 2
wire arrangement Cable identification Jacket Color Amount stranding Stranding	880 green 2 2 wires twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2)	880   green   2   2 wires twisted   2 wires around Stranding combination twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type)	880   green   2   2 wires twisted   2 wires around Stranding combination twisted   copper braiding, bare
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m
wire arrangement Cable identification Jacket Color Amount stranding Stranding Stranding (type 2) Cable shielding (type) Cable shielding (coverage) wire arrangement Cable weigth Material jacket	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Conductor crosssection (wire)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4     0,2 mm <sup>2</sup>
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Conductor crosssection (wire)     Material wire insulation (Data)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4     0,2 mm²     Polyolefin
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Conductor crosssection (wire)     Material wire insulation (Data)     Amount wires (Data)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4     0,2 mm²     Polyolefin     2
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Conductor crosssection (wire)     Material wire insulation (Data)     Amount wires (Data)     Conductor crosssection wire (Data)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4     0,2 mm²     Polyolefin     2     0,38 mm²
wire arrangement     Cable identification     Jacket Color     Amount stranding     Stranding     Stranding (type 2)     Cable shielding (type)     Cable shielding (coverage)     wire arrangement     Cable weigth     Material jacket     Outer-diameter (jacket)     Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Conductor crosssection (wire)     Material wire insulation (Data)     Amount wires (Data)     Conductor crosssection wire (bata)     Min. operating temperature (static)	880     green     2     2 wires twisted     2 wires around Stranding combination twisted     copper braiding, bare     85 %     green, yellow, pink, blue, red, black     75,9 g/m     PUR     6,9 mm     ± 5 %     Polyolefin     4     0,2 mm²     Polyolefin     2     0,38 mm²     -20 °C

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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

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