



SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS



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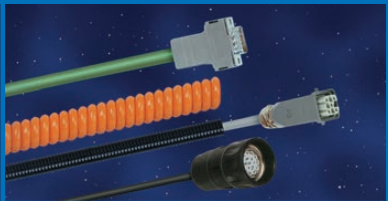


SIEMENS 6FX STANDARD

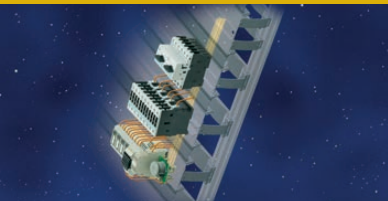
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TANNER WIRE | CONNECTIVITY SOLUTIONS

Installation Solutions



Cabinet Solutions



Automation Solutions



OEM Solutions



Transportation Solutions



Tanner Wire has been developing and manufacturing electronic and electrical engineering solutions for controls and installations for more than 50 years.

Our basic concept as system suppliers, providing a comprehensive and well-matched product range with which we can generate innovative and customized solutions for our customers, has stood the test of time.

Cable assembly according to SIEMENS 6FX standard.

Cover your entire needs for all aspects of your application from a single source. Tanner Wire assembles cables that are 100-percent compatible with the SIEMENS 6FX standard. As rugged as needed and always in the right length, in 0.5 m increments. There is no minimum order amount, delivery times are short and there is a cost-effective price/performance ratio.

Tanner Wire systems comply with the highest industrial standards; Tanner Wire solutions mean improvement and innovation.

Our solutions include components and concepts suitable for almost any control application. For more information on our solutions, please visit www.tannerwire.com

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SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS

1. PUR Servo Cable Assemblies without brake pair for flexing applications

Compatible with
SIEMENS 6FX8002 standard



Power Cable



Power Cable DRIVE-CLiQ®



Power Cable Extension

Application

- Flexing cable assembly for SIEMENS servo drives
- Rugged PUR jacket with low capacitance TPE conductor insulation
- Ideally suited for Motor and Drive connections in C-track and other flexing applications
- Extremely resistant to oil, lubricants and coolants in harsh operating conditions

Properties

- Silicone free and RoHS compliant

Cable Technical Data:

- UL AWM 1,000 V 80°C
- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 500 MΩxkm
- Temperature range
 - moving -25°C to +80°C
 - fixed -40°C to +80°C
- Minimum bending radius
 - moving Cable OD x 10
 - fixed Cable OD x 6
- Burning behavior according to
 - Flame-retardant
 - VDE 0482 T 265-2-1;
 - DIN EN 50265-2-1;
 - IEC 60332-1
 - UL 1581 section 1080 VW-1;
 - CSA FT 1
- Halogen-free according to
 - DIN EN 50264-1;
 - EN 50267-2-1 and
 - EN 60684-2
- Jacket color orange RAL 2003

Power Cable Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198360.1000	6FX8002-5CA01-1BA0*	10	(4x1.5)	8.0
198380.1000	6FX8002-5CA11-1BA0*	10	(4x2.5)	9.6
198400.1000	6FX8002-5CA21-1BA0*	10	(4x1.5)	8.0
198410.1000	6FX8002-5CA31-1BA0*	10	(4x2.5)	9.6
198430.1000	6FX8002-5CA41-1BA0*	10	(4x4.0)	11.1
198440.1000	6FX8002-5CA51-1BA0*	10	(4x6.0)	13.4
198450.1000	6FX8002-5CA61-1BA0*	10	(4x10.0)	16.7
198980.1000	6FX8002-5CS54-1BA0*	10	(4x6.0)	13.4
198370.1000	6FX8002-5CA02-1BA0*	10	(4x2.5)	9.6
198390.1000	6FX8002-5CA12-1BA0*	10	(4x4.0)	11.1
198420.1000	6FX8002-5CA32-1BA0*	10	(4x10.0)	16.7
198950.1000	6FX8002-5CG01-1BA0*	10	(4x1.5)	8.0
198040.1000	6FX8002-5CG11-1BA0*	10	(4x2.5)	9.6
198035.1000	6FX8002-5CG21-1BA0*	10	(4x1.5)	8.0
198045.1000	6FX8002-5CG31-1BA0*	10	(4x2.5)	9.6
198050.1000	6FX8002-5CG41-1BA0*	10	(4x4.0)	11.1
198055.1000	6FX8002-5CG51-1BA0*	10	(4x6.0)	13.4
198060.1000	6FX8002-5CG61-1BA0*	10	(4x10.0)	16.7

Power Cable DRIVE-CLiQ® Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198300.1000	6FX8002-5CS01-1BA0*	10	(4x1.5)	8.0
198304.1000	6FX8002-5CS21-1BA0*	10	(4x1.5)	8.0
198301.1000	6FX8002-5CS02-1BA0*	10	(4x1.5)	8.0
198302.1000	6FX8002-5CS11-1BA0*	10	(4x2.5)	9.6
198305.1000	6FX8002-5CS31-1BA0*	10	(4x2.5)	9.6
198303.1000	6FX8002-5CS12-1BA0*	10	(4x2.5)	9.6
198317.1000	6FX8002-5CS41-1BA0*	10	(4x4.0)	11.1
198306.1000	6FX8002-5CS42-1BA0*	10	(4x4.0)	11.1
198318.1000	6FX8002-5CS51-1BA0*	10	(4x6.0)	13.4
198307.1000	6FX8002-5CS52-1BA0*	10	(4x6.0)	13.4
198319.1000	6FX8002-5CS61-1BA0*	10	(4x10.0)	16.7
198308.1000	6FX8002-5CS62-1BA0*	10	(4x10.0)	16.7

Power Cable Extension Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198820.1000	6FX8002-5CA05-1BA0*	10	(4x1.5)	8.0
198985.1000	6FX8002-5CA15-1BA0*	10	(4x2.5)	9.6
198765.1000	6FX8002-5CA28-1BA0*	10	(4x1.5)	8.0
198995.1000	6FX8002-5CA38-1BA0*	10	(4x2.5)	9.6
198015.1000	6FX8002-5CA48-1BA0*	10	(4x4.0)	11.1
198020.1000	6FX8002-5CA58-1BA0*	10	(4x6.0)	13.4
198030.1000	6FX8002-5CA68-1BA0*	10	(4x10.0)	16.7

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SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS

2. PUR Servo Cable Assemblies with brake pair for flexing applications

Compatible with
SIEMENS 6FX8002 standard



Power Cable



Power Cable DRIVE-CLIQ®



Power Cable Extension

Application

- Flexing cable assembly for SIEMENS servo drives
- Rugged PUR jacket with low capacitance TPE conductor insulation
- Ideally suited for Motor and Drive connections in C-track and other flexing applications
- Extremely resistant to oil, lubricants and coolants in harsh operating conditions

Properties

- Silicone free and RoHS compliant

Cable Technical Data:

- UL AWM 1,000 V 80°C
- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 500 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Minimum bending radius moving Cable OD x 10
- Minimum bending radius fixed Cable OD x 6
- Burning behavior according to Flame-retardant VDE 0482 T. 265-2-1; IEC 60332-1; UL 1581 section 1080 VW-1; CSA FT 1 according to DIN EN 20264-1; EN 50267-2-1 and EN 60684-2
- Halogen-free
- Jacket color orange RAL 2003

Power Cable Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198460.1000	6FX8002-5DA01-1BA0*	10	(4x1.5+(2x1.5))	10.5
198480.1000	6FX8002-5DA11-1BA0*	10	(4x2.5+(2x1.5))	12.1
198500.1000	6FX8002-5DA21-1BA0*	10	(4x1.5+(2x1.5))	10.5
198530.1000	6FX8002-5DA31-1BA0*	10	(4x2.5+(2x1.5))	12.1
198560.1000	6FX8002-5DA41-1BA0*	10	(4x4.0+(2x1.5))	13.6
198570.1000	6FX8002-5DA51-1BA0*	10	(4x6.0+(2x1.5))	15.5
198580.1000	6FX8002-5DA61-1BA0*	10	(4x10.0+(2x1.5))	18.3
198470.1000	6FX8002-5DA02-1BA0*	10	(4x2.5+(2x1.5))	12.1
198490.1000	6FX8002-5DA12-1BA0*	10	(4x4.0+(2x1.5))	13.6
198510.1000	6FX8002-5DA22-1BA0*	10	(4x6.0+(2x1.5))	15.5
198540.1000	6FX8002-5DA32-1BA0*	10	(4x10.0+(2x1.5))	18.3
198870.1000	6FX8002-5DA23-1BA0*	10	(4x16.0+(2x1.5))	21.4
198880.1000	6FX8002-5DA33-1BA0*	10	(4x25.0+(2x1.5))	27.8
198075.1000	6FX8002-5DG01-1BA0*	10	(4x1.5+(2x1.5))	10.5
198085.1000	6FX8002-5DG11-1BA0*	10	(4x2.5+(2x1.5))	12.1
198080.1000	6FX8002-5DG21-1BA0*	10	(4x1.5+(2x1.5))	10.5
198090.1000	6FX8002-5DG31-1BA0*	10	(4x2.5+(2x1.5))	12.1
198095.1000	6FX8002-5DG41-1BA0*	10	(4x4.0+(2x1.5))	13.6
198100.1000	6FX8002-5DG51-1BA0*	10	(4x6.0+(2x1.5))	15.5
198115.1000	6FX8002-5DG61-1BA0*	10	(4x10.0+(2x1.5))	18.3

Power Cable DRIVE-CLIQ® Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198310.1000	6FX8002-5DS01-1BA0*	10	(4x1.5+(2x1.5))	10.5
198311.1000	6FX8002-5DS11-1BA0*	10	(4x2.5+(2x1.5))	12.1
198312.1000	6FX8002-5DS21-1BA0*	10	(4x1.5+(2x1.5))	10.5
198313.1000	6FX8002-5DS31-1BA0*	10	(4x2.5+(2x1.5))	12.1
198314.1000	6FX8002-5DS41-1BA0*	10	(4x4.0+(2x1.5))	13.6
198315.1000	6FX8002-5DS51-1BA0*	10	(4x6.0+(2x1.5))	15.5
198316.1000	6FX8002-5DS61-1BA0*	10	(4x10.0+(2x1.5))	18.3

Power Cable Extension Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198730.1000	6FX8002-5DA05-1BA0*	10	(4x1.5+(2x1.5))	10.5
198990.1000	6FX8002-5DA15-1BA0*	10	(4x2.5+(2x1.5))	12.1
198790.1000	6FX8002-5DA28-1BA0*	10	(4x1.5+(2x1.5))	10.5
198800.1000	6FX8002-5DA38-1BA0*	10	(4x2.5+(2x1.5))	12.1
198005.1000	6FX8002-5DA48-1BA0*	10	(4x4.0+(2x1.5))	13.6
198010.1000	6FX8002-5DA58-1BA0*	10	(4x6.0+(2x1.5))	15.5
198025.1000	6FX8002-5DA68-1BA0*	10	(4x10.0+(2x1.5))	18.3



SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS

3. PUR Feedback Cable Assemblies for flexing applications

Compatible with
SIEMENS 6FX8002 standard



Feedback Cable



Feedback Cable DRIVE-CLiQ®



Feedback Cable Extension

Application

- Rugged PUR jacket with low capacitance TPE conductor insulation
- Ideally suited for Motor and Drive connections in C-track and other flexing applications
- Extremely resistant to oil, lubricants and coolants in harsh operating conditions

Properties

- Silicone free and RoHS compliant

Cable Technical Data:

- UL AWM 30 V 80°C or 300 V 80°C
- Rated voltage 30 V or 300 V
- Insulation resistance min. 200 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Minimum bending radius moving Cable OD x 12
- Minimum bending radius fixed Cable OD x 6
- Burning behavior Flame-retardant according to VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1; UL 1581 section 1080 VW-1; CSA FT 1 according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2
- Halogen-free
- Jacket color green RAL 6018

Part-no.	SIEMENS designation	Length in m	OD in mm
198110.1000	6FX8002-2AD00-1BA0*	10	8.6
198830.1000	6FX8002-2AH00-1BA0*	10	9.0
198120.1000	6FX8002-2CA11-1BA0*	10	9.0
198130.1000	6FX8002-2CA15-1BA0*	10	8.6
198628.1000	6FX8002-2CA31-1BA0*	10	9.5
198850.1000	6FX8002-2CA51-1BA0*	10	8.6
198150.1000	6FX8002-2CA61-1BA0*	10	8.6
198290.1000	6FX8002-2CA72-1BA0*	10	9.0
198191.1000	6FX8002-2CB31-1BA0*	10	6.7
198200.1000	6FX8002-2CB51-1BA0*	10	9.0
198210.1000	6FX8002-2CC11-1BA0*	10	9.0
198220.1000	6FX8002-2CD01-1BA0*	10	9.0
198240.1000	6FX8002-2CF02-1BA0*	10	8.6
198170.1000	6FX8002-2CG00-1BA0*	10	9.0
198250.1000	6FX8002-2CH00-1BA0*	10	8.6
198280.1000	6FX8002-2EQ10-1BA0*	10	9.5
198140.1000	6FX8002-2CA21-1BA0*	10	8.6
198230.1000	6FX8002-2CM00-1BA0*	10	8.6
198260.1000	6FX8002-2CE07-1BA0*	10	9.0
198270.1000	6FX8002-2EQ00-1BA0*	10	9.5

Part-no.	SIEMENS designation	Length in m	OD in mm
198890.1000	6FX8002-2DC00-1BA0*	10	6.95
198900.1000	6FX8002-2DC10-1BA0*	10	6.95
198910.1000	6FX8002-2DC20-1BA0*	10	6.95

Part-no.	SIEMENS designation	Length in m	OD in mm
198160.1000	6FX8002-2CA34-1BA0*	10	9.5
198740.1000	6FX8002-2CF04-1BA0*	10	8.6
198700.1000	6FX8002-2EQ14-1BA0*	10	9.5
198105.1000	6FX8002-2AD04-1BA0*	10	8.6
198295.1000	6FX8002-2CB54-1BA0*	10	9.0



SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS

4. PVC Servo Cable Assemblies for stationary applications

Compatible with
SIEMENS 6FX5002 standard



Power Cable



Power Cable Extension

Application

- Power cable assemblies for SIEMENS servo drives
- For stationary and flexible applications without continuous motion

Properties

- PVC flame-retardant, self-extinguishing
- Silicone free and RoHS compliant

Cable Technical Data:

- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 20 M Ω xkm
- Temperature range moving -5°C to +70°C
- Temperature range fixed -25°C to +70°C
- Jacket color orange RAL 2003

Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198461.1000	6FX5002-5DA01-1BA0*	10	(4x1.5+(2x1.5))	12.5
198481.1000	6FX5002-5DA11-1BA0*	10	(4x2.5+(2x1.5))	14.1
198501.1000	6FX5002-5DA21-1BA0*	10	(4x1.5+(2x1.5))	12.5
198531.1000	6FX5002-5DA31-1BA0*	10	(4x2.5+(2x1.5))	14.1
198561.1000	6FX5002-5DA41-1BA0*	10	(4x4.0+(2x1.5))	15.8
198571.1000	6FX5002-5DA51-1BA0*	10	(4x6.0+(2x1.5))	16.7
198581.1000	6FX5002-5DA61-1BA0*	10	(4x10.0+(2x1.5))	19.1
198471.1000	6FX5002-5DA02-1BA0*	10	(4x2.5+(2x1.5))	14.1
198491.1000	6FX5002-5DA12-1BA0*	10	(4x4.0+(2x1.5))	15.8
198511.1000	6FX5002-5DA22-1BA0*	10	(4x6.0+(2x1.5))	16.7
198541.1000	6FX5002-5DA32-1BA0*	10	(4x10.0+(2x1.5))	19.1
198871.1000	6FX5002-5DA23-1BA0*	10	(4x16.0+(2x1.5))	21.0
198881.1000	6FX5002-5DA33-1BA0*	10	(4x25.0+(2x1.5))	28.5
198076.1000	6FX5002-5DG01-1BA0*	10	(4x1.5+(2x1.5))	12.5
198086.1000	6FX5002-5DG11-1BA0*	10	(4x2.5+(2x1.5))	14.1
198081.1000	6FX5002-5DG21-1BA0*	10	(4x1.5+(2x1.5))	12.5
198091.1000	6FX5002-5DG31-1BA0*	10	(4x2.5+(2x1.5))	14.1
198096.1000	6FX5002-5DG41-1BA0*	10	(4x4.0+(2x1.5))	15.8
198101.1000	6FX5002-5DG51-1BA0*	10	(4x6.0+(2x1.5))	16.7
198116.1000	6FX5002-5DG61-1BA0*	10	(4x10.0+(2x1.5))	19.1

Part-no.	SIEMENS designation	Length in m	Cable Constr. in mm ²	OD in mm
198731.1000	6FX5002-5DA05-1BA0*	10	(4x1.5+(2x1.5))	12.5
198991.1000	6FX5002-5DA15-1BA0*	10	(4x2.5+(2x1.5))	14.1
198791.1000	6FX5002-5DA28-1BA0*	10	(4x1.5+(2x1.5))	12.5
198801.1000	6FX5002-5DA38-1BA0*	10	(4x2.5+(2x1.5))	14.1
198006.1000	6FX5002-5DA48-1BA0*	10	(4x4.0+(2x1.5))	15.8
198011.1000	6FX5002-5DA58-1BA0*	10	(4x6.0+(2x1.5))	16.7
198026.1000	6FX5002-5DA68-1BA0*	10	(4x10.0+(2x1.5))	19.1





SIEMENS 6FX STANDARD

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TANNER WIRE | CONNECTIVITY SOLUTIONS

5. PUR Feedback Cable Assemblies for stationary applications

Similar to SIEMENS 6FX5002 standard but with PUR jacket



Feedback Cable



Feedback Cable DRIVE-CLiQ®



Feedback Cable Extension

Application

- Feedback Cable
- For stationary and flexible applications without continuous motion

Properties

- Silicone free and RoHS compliant

Cable Technical Data:

- Rated voltage 300 V
- Insulation resistance min. 200 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Burning behavior Flame-retardant according to VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1
- Jacket color green RAL 6018

Part-no.	SIEMENS designation	Length in m	OD in mm
198111.1000	6FX5002-2AD00-1BA0*	10	8.8
198831.1000	6FX5002-2AH00-1BA0*	10	9.0
198121.1000	6FX5002-2CA11-1BA0*	10	9.0
198131.1000	6FX5002-2CA15-1BA0*	10	8.8
198629.1000	6FX5002-2CA31-1BA0*	10	10.5
198851.1000	6FX5002-2CA51-1BA0*	10	8.8
198151.1000	6FX5002-2CA61-1BA0*	10	8.8
198291.1000	6FX5002-2CA72-1BA0*	10	9.0
198192.1000	6FX5002-2CB31-1BA0*	10	7.2
198201.1000	6FX5002-2CB51-1BA0*	10	9.0
198211.1000	6FX5002-2CC11-1BA0*	10	9.0
198221.1000	6FX5002-2CD01-1BA0*	10	9.0
198241.1000	6FX5002-2CF02-1BA0*	10	8.8
198171.1000	6FX5002-2CG00-1BA0*	10	9.0
198251.1000	6FX5002-2CH00-1BA0*	10	8.8
198281.1000	6FX5002-2EQ10-1BA0*	10	10.5
198141.1000	6FX5002-2CA21-1BA0*	10	8.8
198231.1000	6FX5002-2CM00-1BA0*	10	8.8
198261.1000	6FX5002-2CE07-1BA0*	10	9.0
198271.1000	6FX5002-2EQ00-1BA0*	10	10.5

Part-no.	SIEMENS designation	Length in m	OD in mm
198891.1000	6FX5002-2DC00-1BA0*	10	6.9
198901.1000	6FX5002-2DC10-1BA0*	10	6.9
198911.1000	6FX5002-2DC20-1BA0*	10	6.9

Part-no.	SIEMENS designation	Length in m	OD in mm
198161.1000	6FX5002-2CA34-1BA0*	10	10.5
198741.1000	6FX5002-2CF04-1BA0*	10	8.8
198701.1000	6FX5002-2EQ14-1BA0*	10	10.5





SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

TANNER WIRE | CONNECTIVITY SOLUTIONS

6. Raw cables according to SIEMENS 6FX Standard

Tanner Wire (C) PUR Servo-Motor/Power supply cables 0,6/1 kV



C-track cables for motor and power connection, shielded, especially for frequency converters and SERVO drives. High active and passive interference resistance (EMC)

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111496	(4G1.0)	PUR orange	9.5	1,000V 80°C
111460	(4G1.5)	PUR orange	8.0	1,000V 80°C
111461	(4G2.5)	PUR orange	9.6	1,000V 80°C
111462	(4G4)	PUR orange	11.1	1,000V 80°C
111463	(4G6)	PUR orange	13.4	1,000V 80°C
111464	(4G10)	PUR orange	16.7	1,000V 80°C
111465	(4G16)	PUR orange	20.4	1,000V 80°C
111466	(4G25)	PUR orange	25.0	1,000V 80°C

C-track cable for motor / brake, shielded, especially for frequency converters and SERVO drives in machine and installation technology, transport and conveyor technology. With control pair

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111420	(4G1.5+(2x1.5))	PUR orange	10.5	1,000V 80°C
111421	(4G2.5+(2x1.5))	PUR orange	12.1	1,000V 80°C
111422	(4G4+(2x1.5))	PUR orange	13.6	1,000V 80°C
111423	(4G6+(2x1.5))	PUR orange	15.6	1,000V 80°C
111424	(4G10+(2x1.5))	PUR orange	18.3	1,000V 80°C
111425	(4G16+(2x1.5))	PUR orange	21.6	1,000V 80°C
111426	(4G25+(2x1.5))	PUR orange	25.8	1,000V 80°C
111427	(4G35+(2x1.5))	PUR orange	29.9	1,000V 80°C
111428	(4G50+(2x1.5))	PUR orange	33.2	1,000V 80°C

Tanner Wire (C) PUR Servo - Feedback cables for C-tracks



Feedback cables for tacho sensor, brake sensor or speed sensor. PUR-jacket and TPE wire insulation optimally suited for C-tracks, extremely harsh operating conditions and aggressive coolants and lubricants

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111452	(2x2x0.18)	PUR green	5.0	30V 80°C
111453	(4x2x0.18)	PUR green	6.4	30V 80°C
111412	(8x2x0.18)	PUR green	8.1	30V 80°C
111454	(12x0.23)	PUR green	6.7	30V 80°C
111455	(4x0.5+4x2x0.14)	PUR green	8.0	300V 80°C
111456	(4x0.5+4x2x0.38)	PUR green	9.2	300V 80°C
111457	(2x0.5+3x(2 x 0.14)+4x0.23+4x0.14)	PUR green	10.3	30V 80°C
111458	(2x0.5+3x(2x0.14)+4x0.14)	PUR green	8.5	30V 80°C
111459	(2x(0.5)+3x(2x0.14))	PUR green	8.7	300V 80°C

Tanner Wire compatible to SIEMENS Drive CLIQ®

Impedance 100 Ω, (BUS pairs 0.15 mm²)



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SIEMENS 6FX STANDARD

CABLE ASSEMBLIES ACCORDING TO SIEMENS 6FX STANDARD

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7. About Connectors used with Cable Assemblies



Features

- High quality industrial grade connectors
- Proper low resistance crimp and shield termination
- Quality tested and verified
- Fully compatible with SIEMENS servo systems
- Available in various industrial protection grades (IP)
- Covering all size requirements
- Custom connector assembly options

Power



- Lutze covers all available options for power connector assemblies



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8. About Cables used with Cable Assemblies

Tanner Wire High Flexing Cable Cycle Ratings

Tanner Wire has experience in the leading development and manufacturing of high flexing cables for use in continuous moving applications for over 35 years. Tanner Wire cables are special high flexing cables which are manufactured for use in applications with extreme flexing conditions such as c-tracks on machine tools.



Tanner Wire cable is used for all assemblies compatible with SIEMENS. These cables are made with high grade materials such as High Glide Insulation (HGI) based on TPE and polyurethane (PUR) jacket for high performance.

Tanner Wire High Glide Insulation (HGI) based on TPE features:

- Low capacitance
- High voltage breakthrough resistance
- Optimally for use with servo drives



High Glide TPE insulation Sub Jacket PUR outer Jacket			
for 20,000,000 cycles:			
Travelling distance	Bending radius	Speed	Acceleration
< 16 ft / 5 m	> 12 Ø	< 3 m/s	< 5 m/s ²
for 10,000,000 cycles:			
Travelling distance	Bending radius	Speed	Acceleration
< 67 ft / 20 m	> 10 Ø	< 5 m/s	< 10 m/s ²
for 2,000,000 cycles:			
Travelling distance	Bending radius	Speed	Acceleration
< 328 ft / 100 m	> 10 Ø	< 5 m/s	< 10 m/s ²

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Cables and Cords

Cable Assembly

C-Tracks

Cable fittings

Cable conduits

LSC-Wiring-System

Module- and

Interface Technology

Ethernet Connectivity

Suppression Technology

Power Supplies

Railway-Technology

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