

Servomotor Cable Assemblies for fixed installation

According to Allen-Bradley 2090 standard



Application

- Especially for industrial environments in mechanical and system engineering
- Reinforced insulation with additional relief layer
- Based on NFPA 79 standards
- „TC-ER“ for use in machines and open cable ducts
- UL Type 1000V Flexible Motor Supply Cable for connection to motors
- In dry, moist and wet rooms

Properties

- Wire insulation reinforcing layer protects against premature cable failure due to reduced corona effect and therefore improves reliability and the life span
- Flexible wires with nylon for better resistance to pressure and impacts as per UL 1277
- High flexibility for complex installation distances and small bending radii
- Improved oil resistance due to specifically developed TPE jacket
- UV-resistant
- Silicone free
- RoHS compliant

Technical data

Rated voltage	1000 V Flexible Motor Supply 1000 V WTTC 600 V UL TC 600 V UL MTW 600 V UL AWM 105 °C
Test voltage	4000 V
Insulation resistance at 20 °C	≥ 500 MΩ×km
Temperature range fixed	-40 °C ... +90 °C (105 °C)
Temperature range moving	-5 °C ... +90 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	15×D
Approvals	UL Flexible Motor Supply Cable UL Type WTTC 1000 V UL Type TC-ER MTW 600 V UL AWM Style 20328 CE RoHS REACH Class 1 Div. 2 per NEC Art. 336, 392, 501 C(UL) TC and CIC FT4 UL 1277 Oil Res I and II
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: AWG conductor, CU-wire bare
- Conductor insulation: PVC/Nylon
- Conductor marking: brown, black, blue
- Ground conductor green/yellow
- Control pair: colour-coded black, white, with foil tape and braided shield
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: TPE
- Jacket color: orange RAL 2003

Part-No.	Allen Bradley designation*	Cable length m	Number of conductors/ cross-section	Outer ∅ mm
Base cable SpeedTec				
193966.1000	A* 2090-CPWM7DF-16AA10	10 m	(4GAWG16)	10.5
193956.1000	A* 2090-CPWM7DF-14AA10	10 m	(4GAWG14)	11.6
193352.1000	A* 2090-CPWM7DF-12AA10	10 m	(4GAWG12)	13.1
193306.1000	A* 2090-CPWM7DF-10AA10	10 m	(4GAWG10)	16.5
193353.1000	A* 2090-CPWM7DF-08AA10	10 m	(4GAWG8)	21.0
193960.1000	A* 2090-CPBM7DF-16AA10	10 m	(4GAWG16+(2×AWG18))	12.1
193990.1000	A* 2090-CPBM7DF-14AA10	10 m	(4GAWG14+(2×AWG18))	12.8
193356.1000	A* 2090-CPBM7DF-12AA10	10 m	(4GAWG12+(2×AWG18))	14.2
193962.1000	A* 2090-CPBM7DF-10AA10	10 m	(4GAWG10+(2×AWG18))	18.1
193357.1000	A* 2090-CPBM7DF-08AA10	10 m	(4GAWG8+(2×AWG18))	22.5
193961.1000	A* 2090-CPBM7DF-06AA10	10 m	(4GAWG6+(2×AWG18))	24.6
193362.1000	A* 2090-CPBM7DF-04AA10	10 m	(4GAWG4+(2×AWG18))	29.5
193369.1000	A* 2090-CPBM7DF-02AA10	10 m	(4GAWG2+(2×AWG18))	34.1
DIN thread				
193984.1000	A* 2090-CPBM4DF-16AA10	10 m	(4GAWG16+(2×AWG18))	12.1
193982.1000	A* 2090-CPBM4DF-14AA10	10 m	(4GAWG14+(2×AWG18))	12.8

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Signal Cable Assemblies for fixed installation

According to Allen-Bradley 2090 standard



Part-No.	Allen Bradley designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
Base cable SpeedTec				
193959.1000	A* 2090-CFBM7DF-CEAA10	10	(5×2×AWG22)	9.9
193358.1000	A* 2090-CFBM7DF-CEAA10	10	(5×2×AWG22)	9.9
DIN thread				
193337.1000	A* 2090-XXNFMF-S10	10	(2×AWG16+2×AWG22+ 6×2×AWG26)	13.6

Application

- Feedback cables for Allen Bradley drives
- Conform with NFPA79 for machine tool wiring
- Very suitable for extreme operating conditions and high interference signals
- In dry, damp and wet environment
- Especially for industrial environments in mechanical and system engineering

Properties

- High active and passive interference resistance (EMC)
- Easy installation
- Specially developed TPE jacket for superior oil-resistance according to UL 1581
- Resistant to most mineral and vegetable-based cutting oils
- UV-resistant
- Silicone and talcum-free
- RoHS compliant

Technical data

Rated voltage	300 V UL PLTC-ER 300 V UL CM 600 V UL AWM 90 °C
Test Voltage	1500 V
Temperature range fixed	-40 °C ... +90 °C (105 °C)
Temperature range moving	-5 °C ... +90 °C
Burning behavior according to	UL Vertical-Tray UL VW-1
Oil resistant according to	UL 1581
Oil resistance	4 days in oil at 100 °C 60 days in oil at 75 °C
Approvals	PLTC-ER NEC 725, 760, 800 Class 1 Div. 2 per NEC CE UL cULus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

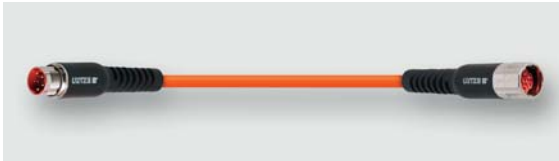
Construction

- Conductor: AWG conductor, CU-wire tin-plated
- Conductor insulation: Special PVC
- Conductor marking: Colour coded
- Overall shield: Aluminium laminate, Foil shield, Braid shield, Tinned copper wires, optical cover approx. 85%, drain wire
- Jacket material: TPE
- Jacket color: green RAL 6018

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Single Cable Assemblies for C-tracks

According to Allen-Bradley 2090 standard



Application

- Combined power supply cable with motor supply, brake and digital feedback especially for SERVO drives in machine and plant construction, transport and conveyor technology
- Due to special PUR jacket and TPE / HGI conductor insulation optimally suited for c-tracks, extremely rough operating conditions and aggressive coolants and lubricants
- Especially for industrial environments in mechanical and system engineering

Properties

- High active and passive interference resistance (EMC)
- Braided shield optimised for continuous flexible use
- Very good alternating bending strength
- Low adhesion, abrasion-resistant, nick-resistant, tear-propagation-resistant
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weatherproof, ozone and UV resistant (normal lighting conditions)
- Good ruggedness and salt water resistance
- Excellent coolant and lubricant resistance
- Resistant to most oils, greases, alcohol-free benzines and kerosene
- Halogen free
- Silicone and talcum free
- RoHS compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	3000 V
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	5×D
Minimum bending radius moving	7.5×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus UL AWM 21223
Note	max. cable length according to Allen-Bradley specifications Base cable for Kinetix 5500 Drives max. 50 m Base cable for Kinetix 5700 Drives max. 90 m Extension cable max. 30 m
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special TPE
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
G = with green/yellow ground conductor, × = without ground conductor
- Control pair: colour-coded black, white, with foil tape and braided shield
- Overall stranding: Strands braided together
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

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Part-No.	Allen Bradley designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
Base cable SpeedTec				
193366.1000	A* 2090-CSBM1DF-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193364.1000	A* 2090-CSBM1DF-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
193371.1000	A* 2090-CSWM1DF-18AF10	10	(4G1.0+(2×AWG22))	11.8
193370.1000	A* 2090-CSWM1DF-14AF10	10	(4G2.5+(2×AWG22))	14.0
193375.1000	A* 2090-CSBM1DF-10AF10	10	(4G6+(2×1.0)+(2×AWG22))	17.8
193376.1000	A* 2090-CSWM1DF-10AF10	10	(4G6+(2×AWG22))	17.8
193300.1000	A* 2090-CSBM1DG-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193302.1000	A* 2090-CSBM1DG-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
193304.1000	A* 2090-CSBM1DG-10AF10	10	(4G6+(2×1.0)+(2×AWG22))	17.8
193305.1000	A* 2090-CSWM1DG-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193310.1000	A* 2090-CSWM1DG-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
Base cable with 2198-KITCON-DSL				
193952.1000	A* 2090-CSBM1DE-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193963.1000	A* 2090-CSBM1DE-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
193379.1000	A* 2090-CSWM1DE-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193955.1000	A* 2090-CSWM1DE-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
193968.1000	A* 2090-CSBM1DE-10AF10	10	(4G6+(2×1.0)+(2×AWG22))	17.8
193967.1000	A* 2090-CSWM1DE-10AF10	10	(4G6+(2×1.0)+(2×AWG22))	17.8
Extension SpeedTec				
193373.1000	A* 2090-CSBM1E1-18AF10	10	(4G1.0+(2×0.75)+(2×AWG22))	11.8
193374.1000	A* 2090-CSBM1E1-14AF10	10	(4G2.5+(2×1.0)+(2×AWG22))	14.0
193377.1000	A* 2090-CSBM1E1-10AF10	10	(4G6+(2×1.0)+(2×AWG22))	17.8

Servomotor Cable Assemblies for C-tracks

According to Allen-Bradley 2090 standard



Application

- Servo cables for Allen Bradley drives
- Due to optimized cable construction optimally suited for continuous flexing applications in C-tracks
- Very good resistance against aggressive coolants and lubricants
- Especially for industrial environments in machines and plants

Properties

- High active and passive interference resistance (EMC)
- Silicone free
- RoHS compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus UL AWM 21223
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

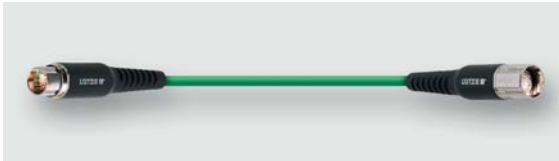
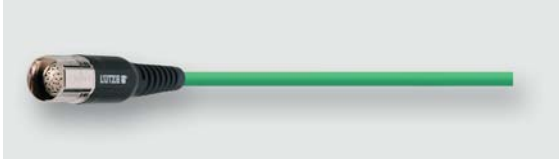
- Conductor: CU-wire bare
- Conductor category: Superfinely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Control pair: colour-coded (bw, wb) or numbered (5/6/7/8), with foil tape and braided shield
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield:
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	Allen Bradley designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
Base cable SpeedTec				
193309.1000	A* 2090-CPWM7DF-16AF10	10	(4G1.5)	8.6
193307.1000	A* 2090-CPWM7DF-10AF10	10	(4G6.0)	14.0
193989.1000	A* 2090-CPBM7DF-10AF10	10	(4G6.0+(2×1.5))	16.1
193991.1000	A* 2090-CPBM7DF-16AF10	10	(4G1.5+(2×1.5))	11.4
193308.1000	A* 2090-CPWM7DF-14AF10	10	(4G2.5)	10.8
193957.1000	A* 2090-CPBM7DF-14AF10	10	(4G2.5+(2×1.5))	12.9
193311.1000	A* 2090-CPWM7DF-08AF10	10	(4G10)	17.6
193355.1000	A* 2090-CPBM7DF-08AF10	10	(4G10+(2×1.5))	19.5
DIN thread				
193985.1000	A* 2090-CPBM4DF-16AF10	10	(4G1.5+(2×1.5))	12.9
193303.1000	A* 2090-CPWM4DF-16AF10	10	(4G1.5)	8.6
193983.1000	A* 2090-CPBM4DF-14AF10	10	(4G2.5+(2×1.5))	14.2
193301.1000	A* 2090-CPWM4DF-14AF10	10	(4G2.5)	10.8
Extension SpeedTec				
193996.1000	A* 2090-CPBM7E7-16AF10	10	(4G1.5+(2×1.5))	11.4
193994.1000	A* 2090-CPBM7E7-10AF10	10	(4G6.0+(2×1.5))	16.1
193360.1000	A* 2090-CPBM7E7-14AF10	10	(4G2.5+(2×1.5))	12.9
193361.1000	A* 2090-CPBM7E7-08AF10	10	(4G10+(2×1.5))	19.5

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Signal Cable Assemblies for C-tracks

According to Allen-Bradley 2090 standard



Application

- Servo feedback cables for Allen Bradley drives
- Due to optimized cable construction optimally suited for continuous flexing applications in C-tracks
- Very good resistance against aggressive coolants and lubricants
- Especially for industrial environments in machines and plants

Properties

- High active and passive interference resistance (EMC)
- Silicone free
- RoHS compliant

Technical data

Rated voltage	1000 V 80 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cULus UL AWM 21223
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Superfinely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor marking: Colour coded
- Ground conductor green/yellow according to DIN EN 50334
- G = with green/yellow ground conductor, × = without ground conductor
- Control pair:
- Overall stranding: Conductors stranded layers
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

Part-No.	Allen Bradley designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
Base cable SpeedTec				
193977.1000	A* 2090-CFBM7DF-CEAF10	10	(5×2×AWG22)	9.2
193958.1000	A* 2090-CFBM7DF-CDAF10	10	(2×AWG16+2×AWG22+ 6×2×AWG26)	10.8
193350.1000	A* 2090-CFBM7DD-CEAF10	10	(5×2×AWG22)	9.2
DIN thread				
193973.1000	A* 2090-CFBM4DF-CDAF10	10	(2×AWG16+2×AWG22+ 6×2×AWG26)	10.8
Extension SpeedTec				
193979.1000	A* 2090-CFBM7E7-CEAF10	10	(5×2×AWG22)	9.2
193978.1000	A* 2090-CFBM7E7-CDAF10	10	(2×AWG16+2×AWG22+ 6×2×AWG26)	10.8

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Servomotor cables for C-tracks

According to Bosch Rexroth IKG standard



Application

- Motor cable for Bosch Rexroth SERVO drives
- Full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_p/U	600/1000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6xD
Minimum bending radius moving	10xD
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Jacket color: orange RAL 2003

Part-No.	BOSCH REXROTH designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
Base cable				
193028.1000	A* IKG4115/010.0	10	(4G1.5+2x(2x0.75))	12.9
193029.1000	A* IKG4116/010.0	10	(4G2.5+2x(2x1.0))	14.2
193054.1000	A* IKG4117/010.0	10	(4G4+2x(2x1.5))	16.3
193055.1000	A* IKG4118/010.0	10	(4G6+2x(2x0.75))	18.4
193037.1000	A* IKG4175/010.0	10	(4G10+(2x1.0)+(2x1.5))	22.3
193030.1000	A* IKG4136/010.0	10	(4G6+(2x1.0)+(2x1.5))	18.4
193062.1000	A* IKG4176/010.0	10	(4G10+2x(2x1.5))	22.3
193031.1000	A* IKG4140/010.0	10	(4G1.5+2x(2x0.75))	18.4
193060.1000	A* IKG4139/010.0	10	(4G2.5+2x(2x0.75))	22.3
193038.1000	A* IKG4177/010.0	10	(4G4+(2x1.0)+(2x1.5))	12.9
193039.1000	A* IKG4215/010.0	10	(4G6+(2x1.0)+(2x1.5))	14.2
193077.1000	A* IKG4169/010.0	10	(4G10+(2x1.0)+(2x1.5))	16.3
193032.1000	A* IKG4155/010.0	10	(4G6+(2x1.0)+(2x1.5))	18.4
193078.1000	A* IKG4168/010.0	10	(4G10+(2x1.0)+(2x1.5))	22.3
193061.1000	A* IKG4172/010.0	10	(4G16+2x(2x1.5))	26.8
193035.1000	A* IKG4173/010.0	10	(4G25+2x(2x1.5))	29.3
193036.1000	A* IKG4174/010.0	10	(4G35+2x(2x1.5))	32.5
193033.1000	A* IKG4620/010.0	10	(4G25+2x(2x1.5))	29.3
193079.1000	A* IKG4621/010.0	10	(4G35+2x(2x1.5))	32.5

* Bosch Rexroth article designations are registered trademarks of Bosch Rexroth, and are for reference purposes only

Servomotor cables for C-tracks

According to Bosch Rexroth RKL standard



Application

- Motor cable for Bosch Rexroth SERVO drives
- Full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Jacket color: orange RAL 2003

Part-No.	BOSCH REXROTH designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
Base cable				
193262.1000	A* RKL0014/010.0	10	(4G1.0+2×(2×0.75))	12.5
193089.1000	A* RKL0015/010.0	10	(4G1.5+2×(2×0.75))	12.9
193090.1000	A* RKL0016/010.0	10	(4G1.5+2×(2×0.75))	12.9
193091.1000	A* RKL0017/010.0	10	(4G1.5+2×(2×0.75))	12.9
193092.1000	A* RKL0018/010.0	10	(4G2.5+2×(2×1.0))	14.2
193093.1000	A* RKL0019/010.0	10	(4G1.0+2×(2×0.75))	12.5
193095.1000	A* RKL0046/010.0	10	(4G2.5+2×(2×1.0))	14.2
193097.1000	A* RKL0049/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193098.1000	A* RKL0050/010.0	10	(4G1.5+2×(2×0.75))	12.9
193100.1000	A* RKL0052/010.0	10	(4G2.5+2×(2×1.0))	14.2
193101.1000	A* RKL0053/010.0	10	(4G1.0+2×(2×0.75))	12.5
193105.1000	A* RKL0057/010.0	10	(4G2.5+2×(2×1.0))	14.2
193106.1000	A* RKL0058/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193125.1000	A* RKL4300/010.0	10	(4G1.5+2×(2×0.75))	12.9
193107.1000	A* RKL4301/010.0	10	(4G1.5+2×(2×0.75))	12.9
193240.1000	A* RKL4302/010.0	10	(4G1.0+2×(2×0.75))	12.5
193258.1000	A* RKL4303/010.0	10	(4G1.0+2×(2×0.75))	12.5
193241.1000	A* RKL4306/010.0	10	(4G1.5+2×(2×0.75))	12.9
193273.1000	A* RKL4307/010.0	10	(4G1.5+2×(2×0.75))	12.9
193242.1000	A* RKL4308/010.0	10	(4G2.5+2×(2×0.75))	14.2
193243.1000	A* RKL4309/010.0	10	(4G2.5+2×(2×0.75))	14.2
193244.1000	A* RKL4310/010.0	10	(4G2.5+2×(2×0.75))	14.2
193108.1000	A* RKL4313/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193257.1000	A* RKL4314/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193109.1000	A* RKL4315/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193246.1000	A* RKL4317/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193247.1000	A* RKL4318/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193276.1000	A* RKL4345/010.0	10	(4G2.5+2×(2×1.0))	14.2
193119.1000	A* RKL4346/010.0	10	(4G2.5+2×(2×1.0))	14.2
Extension				
193263.1000	A* RKL4311/010.0	10	(4G1.5+2×(2×0.75))	12.9
193278.1000	A* RKL4304/010.0	10	(4G1.5+2×(2×0.75))	12.9
193616.1000	A* RKL4305/010.0	10	(4G1.0+2×(2×0.75))	12.5
193245.1000	A* RKL4312/010.0	10	(4G2.5+2×(2×0.75))	14.2
193110.1000	A* RKL4316/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193279.1000	A* RKL4319/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193120.1000	A* RKL4347/010.0	10	(4G2.5+2×(2×1.0))	14.2

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Servomotor cables for C-tracks

According to Bosch Rexroth RKL standard



Application

- Motor cable for Bosch Rexroth SERVO drives
- Full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Jacket color: orange RAL 2003

Part-No.	BOSCH REXROTH designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
Base cable				
193094.1000	A* RKL0045/010.0	10	(4G1.5+2×(2×0.75))	12.9
193099.1000	A* RKL0051/010.0	10	(4G2.5+2×(2×1.0))	14.2
193102.1000	A* RKL4354/010.0	10	(4G1.5+2×(2×0.75))	12.9
193103.1000	A* RKL0055/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193104.1000	A* RKL0056/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193259.1000	A* RKL4320/010.0	10	(4G1.5+2×(2×0.75))	12.9
193252.1000	A* RKL4321/010.0	10	(4G2.5+2×(2×0.75))	14.2
193282.1000	A* RKL4322/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193248.1000	A* RKL4323/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193249.1000	A* RKL4324/010.0	10	(4G10+(2×1.0)+(2×1.5))	22.3
193272.1000	A* RKL4325/010.0	10	(4G1.5+2×(2×0.75))	12.9
193111.1000	A* RKL4326/010.0	10	(4G2.5+2×(2×1.0))	14.2
193112.1000	A* RKL4327/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193250.1000	A* RKL4328/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193251.1000	A* RKL4329/010.0	10	(4G10+(2×1.0)+(2×1.5))	22.3
193253.1000	A* RKL4330/010.0	10	(4G16+2×(2×1.5))	23.0
193254.1000	A* RKL4331/010.0	10	(4G25+2×(2×1.5))	29.3
193113.1000	A* RKL4332/010.0	10	(4G35+2×(2×1.5))	32.5
193114.1000	A* RKL4333/010.0	10	(4G25+2×(2×1.5))	29.3
193115.1000	A* RKL4334/010.0	10	(4G35+2×(2×1.5))	32.5
193260.1000	A* RKL4343/010.0	10	(4G2.5+2×(2×0.75))	14.2
193118.1000	A* RKL4344/010.0	10	(4G16+2×(2×1.5))	26.8
193121.1000	A* RKL4349/010.0	10	(4G16+2×(2×1.5))	26.8
193122.1000	A* RKL4387/010.0	10	(4G35+2×(2×1.5))	32.5
193123.1000	A* RKL4778/010.0	10	(4G35+2×(2×1.5))	32.5
193124.1000	A* RKL4785/010.0	10	(4G25+2×(2×1.5))	29.3
Extension				
193116.1000	A* RKL4335/010.0	10	(4G1.5+2×(2×0.75))	12.9
193004.1000	A* RKL4336/010.0	10	(4G2.5+2×(2×1.0))	14.2
193255.1000	A* RKL4337/010.0	10	(4G4+(2×1.0)+(2×1.5))	16.3
193256.1000	A* RKL4338/010.0	10	(4G6+(2×1.0)+(2×1.5))	18.4
193270.1000	A* RKL4339/010.0	10	(4G10+(2×1.0)+(2×1.5))	22.3
193271.1000	A* RKL4340/010.0	10	(4G16+2×(2×1.5))	26.8
193264.1000	A* RKL4341/010.0	10	(4G25+2×(2×1.5))	29.3
193117.1000	A* RKL4342/010.0	10	(4G35+2×(2×1.5))	32.5

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Signal cables for C-tracks

According to Bosch Rexroth IKS standard



Application

- Signal cables
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-track, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	300 V 80 °C
Rated voltage U_0/U	600/1000 V
Insulation resistance at 20 °C	$\geq 200 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Jacket color: orange RAL 2003

Part-No.	BOSCH REXROTH designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
Base cable				
193126.1000	A* RKG0030/010.0	10	(2×1.0+4×2×0.25)	8.9
193034.1000	A* RKG4200/010.0	10	(2×0.5+4×2×0.25)	8.7
193088.1000	A* RKG4202/010.0	10	(2×0.5+4×2×0.25)	8.7
193146.1000	A* IKS4038/010.0	10	(4×1.0 + 4×2×0.14 + (4×0.14))	9.5
Extension				
193001.1000	A* RKG4201/010.0	10	(2×0.5+4×2×0.25)	8.7

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Servo cable assemblies for fixed wiring

According to SIEMENS-6FX5002 standard Base cable



Application

- Base cable for Siemens servo drives
- For flexible application without compulsory guide
- More cost-effective alternative to the cable carrier suitable 6FX8002 version

Properties

- PVC Flame-retardant, self-extinguishing
- Sans silicone
- RoHS compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, DIN EN 60228, class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS, speed-connect / Booksize without brake pairs				
198406.1000	A* 6FX5002-5CN06-1BA0	10.0	(4G1.5)	8.4
198408.1000	A* 6FX5002-5CN26-1BA0	10.0	(4G1.5)	8.4
198411.1000	A* 6FX5002-5CS06-1BA0	10.0	(4G1.5)	8.4
198413.1000	A* 6FX5002-5CS26-1BA0	10.0	(4G1.5)	8.4
198422.1000	A* 6FX5002-5CN16-1BA0	10.0	(4G1.5)	8.4
198423.1000	A* 6FX5002-5CN36-1BA0	10.0	(4G2.5)	10.6
198425.1000	A* 6FX5002-5CS16-1BA0	10.0	(4G2.5)	10.6
198427.1000	A* 6FX5002-5CS36-1BA0	10.0	(4G2.5)	10.6
198438.1000	A* 6FX5002-5CN46-1BA0	10.0	(4G4)	11.5
198441.1000	A* 6FX5002-5CS46-1BA0	10.0	(4G4)	11.5
198447.1000	A* 6FX5002-5CN56-1BA0	10.0	(4G6)	13.2
198449.1000	A* 6FX5002-5CS56-1BA0	10.0	(4G6)	13.2
198456.1000	A* 6FX5002-5CN66-1BA0	10.0	(4G10)	16.5
198458.1000	A* 6FX5002-5CS17-1BA0	10.0	(4G10)	16.5
198463.1000	A* 6FX5002-5CS66-1BA0	10.0	(4G10)	16.5
SINAMICS, speed-connect / Booksize with brake pairs				
198407.1000	A* 6FX5002-5DN06-1BA0	10.0	(4G1.5+(2×1.5))	11.6
198415.1000	A* 6FX5002-5DN26-1BA0	10.0	(4G1.5+(2×1.5))	11.6
198417.1000	A* 6FX5002-5DS06-1BA0	10.0	(4G1.5+(2×1.5))	11.6
198419.1000	A* 6FX5002-5DS26-1BA0	10.0	(4G1.5+(2×1.5))	11.6
198429.1000	A* 6FX5002-5DN16-1BA0	10.0	(4G2.5+(2×1.5))	13.0
198432.1000	A* 6FX5002-5DN36-1BA0	10.0	(4G2.5+(2×1.5))	13.0
198434.1000	A* 6FX5002-5DS16-1BA0	10.0	(4G2.5+(2×1.5))	13.0
198436.1000	A* 6FX5002-5DS36-1BA0	10.0	(4G2.5+(2×1.5))	13.0
198443.1000	A* 6FX5002-5DN46-1BA0	10.0	(4G4+(2×1.5))	14.0
198445.1000	A* 6FX5002-5DS46-1BA0	10.0	(4G4+(2×1.5))	14.0
198452.1000	A* 6FX5002-5DN56-1BA0	10.0	(4G6+(2×1.5))	15.8
198454.1000	A* 6FX5002-5DS56-1BA0	10.0	(4G6+(2×1.5))	15.8
198465.1000	A* 6FX5002-5DN66-1BA0	10.0	(4G10+(2×1.5))	18.5
198467.1000	A* 6FX5002-5DS66-1BA0	10.0	(4G10+(2×1.5))	18.5
198469.1000	A* 6FX5002-5DS17-1BA0	10.0	(4G10+(2×1.5))	18.5

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Servo cable assemblies without brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Base cable



Application

- Base cable for Siemens servo drives
- For flexible applications without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield:
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS, speed-connect/Booksize				
198098.1000	A* 6FX5002-5CN01-1BA0	10	(4G1.5)	8.4
198103.1000	A* 6FX5002-5CN11-1BA0	10	(4G2.5)	10.6
198104.1000	A* 6FX5002-5CN21-1BA0	10	(4G1.5)	8.4
198106.1000	A* 6FX5002-5CN31-1BA0	10	(4G2.5)	10.6
198107.1000	A* 6FX5002-5CN41-1BA0	10	(4G4)	11.5
198108.1000	A* 6FX5002-5CN51-1BA0	10	(4G6)	13.2
198109.1000	A* 6FX5002-5CN61-1BA0	10	(4G10)	16.5
SINAMICS, full thread/Booksize				
198205.1000	A* 6FX5002-5CS01-1BA0	10	(4G1.5)	8.4
198124.1000	A* 6FX5002-5CS11-1BA0	10	(4G2.5)	10.6
198128.1000	A* 6FX5002-5CS13-1BA0	10	(4G10)	16.5
198129.1000	A* 6FX5002-5CS21-1BA0	10	(4G1.5)	8.4
198132.1000	A* 6FX5002-5CS31-1BA0	10	(4G2.5)	10.6
198133.1000	A* 6FX5002-5CS41-1BA0	10	(4G4)	11.5
198136.1000	A* 6FX5002-5CS51-1BA0	10	(4G6)	13.2
198139.1000	A* 6FX5002-5CS61-1BA0	10	(4G10)	16.5
SINAMICS, open end/Booksize				
198123.1000	A* 6FX5002-5CS02-1BA0	10	(4G1.5)	8.4
198126.1000	A* 6FX5002-5CS12-1BA0	10	(4G2.5)	10.6
198321.1000	A* 6FX5002-5CS42-1BA0	10	(4G4)	16.5
198322.1000	A* 6FX5002-5CS52-1BA0	10	(4G6)	14.0
198323.1000	A* 6FX5002-5CS62-1BA0	10	(4G10)	16.5

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Servo cable assemblies without brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Base cable



Application

- Base cable for Siemens servo drives
- For flexible applications without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

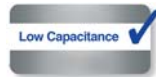
- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/cross-section	Outer \varnothing mm
SIMODRIVE, full thread/open end				
198042.1000	A* 6FX5002-5CA01-1BA0	10	(4G1.5)	8.4
198046.1000	A* 6FX5002-5CA11-1BA0	10	(4G2.5)	10.6
198048.1000	A* 6FX5002-5CA13-1BA0	10	(4G10)	16.5
198051.1000	A* 6FX5002-5CA21-1BA0	10	(4G1.5)	8.4
198052.1000	A* 6FX5002-5CA23-1BA0	10	(4G16)	21.2
198054.1000	A* 6FX5002-5CA31-1BA0	10	(4G2.5)	10.6
198059.1000	A* 6FX5002-5CA41-1BA0	10	(4G4)	11.5
198063.1000	A* 6FX5002-5CA51-1BA0	10	(4G6)	13.2
198066.1000	A* 6FX5002-5CA61-1BA0	10	(4G10)	16.5
SINAMICS, full thread/open end				
198068.1000	A* 6FX5002-5CG01-1BA0	10	(4G1.5)	8.4
198071.1000	A* 6FX5002-5CG11-1BA0	10	(4G2.5)	10.6
198292.1000	A* 6FX5002-5CG13-1BA0	10	(4G10)	16.5
198073.1000	A* 6FX5002-5CG21-1BA0	10	(4G1.5)	8.4
198293.1000	A* 6FX5002-5CG23-1BA0	10	(4G16)	21.2
198078.1000	A* 6FX5002-5CG31-1BA0	10	(4G2.5)	10.6
198083.1000	A* 6FX5002-5CG41-1BA0	10	(4G4)	11.5
198088.1000	A* 6FX5002-5CG51-1BA0	10	(4G6)	14.0
198093.1000	A* 6FX5002-5CG61-1BA0	10	(4G10)	16.5
198273.1000	A* 6FX5002-5CS14-1BA0	10	(4G10)	16.5
198294.1000	A* 6FX5002-5CS23-1BA0	10	(4G16)	21.2
198299.1000	A* 6FX5002-5CS54-1BA0	10	(4G6)	14.0
198309.1000	A* 6FX5002-5CS64-1BA0	10	(4G10)	16.5
198353.1000	A* 6FX5002-5CG32-1BA0	10	(4G2.5)	10.6

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Servo cable assemblies with brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Base cable



Application

- Base cable for Siemens servo drives
- For flexible applications without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6xD
Minimum bending radius moving	10xD
Burning behavior according to	VDE 0482 Part 265-2 DIN EN 50265-2 IEC 60332-1 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS, speed-connect/Booksize				
198340.1000	A* 6FX5002-5DN01-1BA0	10	(4G1.5+(2x1.5))	11.6
198341.1000	A* 6FX5002-5DN11-1BA0	10	(4G2.5+(2x1.5))	13.0
198342.1000	A* 6FX5002-5DN21-1BA0	10	(4G1.5+(2x1.5))	11.6
198343.1000	A* 6FX5002-5DN31-1BA0	10	(4G2.5+(2x1.5))	13.0
198344.1000	A* 6FX5002-5DN41-1BA0	10	(4G4+(2x1.5))	14.0
198345.1000	A* 6FX5002-5DN51-1BA0	10	(4G6+(2x1.5))	15.8
198346.1000	A* 6FX5002-5DN61-1BA0	10	(4G10+(2x1.5))	18.5
SINAMICS, full thread/Booksize				
198320.1000	A* 6FX5002-5DS01-1BA0	10	(4G1.5+(2x1.5))	11.6
198325.1000	A* 6FX5002-5DS11-1BA0	10	(4G2.5+(2x1.5))	13.0
198176.1000	A* 6FX5002-5DS13-1BA0	10	(4G10+(2x1.5))	18.5
198177.1000	A* 6FX5002-5DS21-1BA0	10	(4G1.5+(2x1.5))	11.6
198245.1000	A* 6FX5002-5DS31-1BA0	10	(4G2.5+(2x1.5))	13.0
198178.1000	A* 6FX5002-5DS41-1BA0	10	(4G4+(2x1.5))	14.0
198179.1000	A* 6FX5002-5DS51-1BA0	10	(4G6+(2x1.5))	15.8
198182.1000	A* 6FX5002-5DS61-1BA0	10	(4G10+(2x1.5))	18.5

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Servo cable assemblies with brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Base cable



Application

- Base cable for Siemens servo drives
- For flexible applications without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

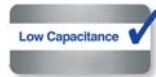
- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SIMODRIVE, full thread/open end				
198461.1000	A* 6FX5002-5DA01-1BA0	10	(4G1.5+(2×1.5))	11.6
198481.1000	A* 6FX5002-5DA11-1BA0	10	(4G2.5+(2×1.5))	13.0
198146.1000	A* 6FX5002-5DA13-1BA0	10	(4G10+(2×1.5))	18.5
198501.1000	A* 6FX5002-5DA21-1BA0	10	(4G1.5+(2×1.5))	11.6
198871.1000	A* 6FX5002-5DA23-1BA0	10	(4G16+(2×1.5))	23.6
198531.1000	A* 6FX5002-5DA31-1BA0	10	(4G2.5+(2×1.5))	13.0
198881.1000	A* 6FX5002-5DA33-1BA0	10	(4G25+(2×1.5))	28.5
198561.1000	A* 6FX5002-5DA41-1BA0	10	(4G4+(2×1.5))	14.0
198571.1000	A* 6FX5002-5DA51-1BA0	10	(4G6+(2×1.5))	15.8
198581.1000	A* 6FX5002-5DA61-1BA0	10	(4G10+(2×1.5))	18.5
SINAMICS, full thread/open end				
198076.1000	A* 6FX5002-5DG01-1BA0	10	(4G1.5+(2×1.5))	11.6
198086.1000	A* 6FX5002-5DG11-1BA0	10	(4G2.5+(2×1.5))	13.0
198287.1000	A* 6FX5002-5DG13-1BA0	10	(4G10+(2×1.5))	18.5
198081.1000	A* 6FX5002-5DG21-1BA0	10	(4G1.5+(2×1.5))	11.6
198288.1000	A* 6FX5002-5DG23-1BA0	10	(4G16+(2×1.5))	23.6
198091.1000	A* 6FX5002-5DG31-1BA0	10	(4G2.5+(2×1.5))	13.0
198289.1000	A* 6FX5002-5DG33-1BA0	10	(4G25+(2×1.5))	28.6
198096.1000	A* 6FX5002-5DG41-1BA0	10	(4G4+(2×1.5))	14.0
198101.1000	A* 6FX5002-5DG51-1BA0	10	(4G6+(2×1.5))	15.8
198116.1000	A* 6FX5002-5DG61-1BA0	10	(4G10+(2×1.5))	18.5
198296.1000	A* 6FX5002-5DS14-1BA0	10	(4G10+(2×1.5))	18.5
198264.1000	A* 6FX5002-5DS23-1BA0	10	(4G16+(2×1.5))	23.6
198297.1000	A* 6FX5002-5DS54-1BA0	10	(4G6+(2×1.5))	15.8
198298.1000	A* 6FX5002-5DS64-1BA0	10	(4G10+(2×1.5))	18.5

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Servo cable assemblies without brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Extension



Application

- Extension cable for Siemens servo drives
- For flexible applications without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Notes:

- The extension can also be used for **SPEED-CONNECT** plug connection, for this the O-ring must be removed on the outer thread. This does not affect the tightness of the plug connection.

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS/SIMODRIVE, full thread				
198044.1000	A* 6FX5002-5CA05-1BA0	10	(4G1.5)	8.4
198049.1000	A* 6FX5002-5CA15-1BA0	10	(4G2.5)	10.6
198053.1000	A* 6FX5002-5CA28-1BA0	10	(4G1.5)	8.4
198058.1000	A* 6FX5002-5CA38-1BA0	10	(4G2.5)	10.6
198062.1000	A* 6FX5002-5CA48-1BA0	10	(4G4)	11.5
198064.1000	A* 6FX5002-5CA58-1BA0	10	(4G6)	13.2
198067.1000	A* 6FX5002-5CA68-1BA0	10	(4G10)	16.5
198144.1000	A* 6FX5002-5CX28-1BA0	10	(4G16)	21.2

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Servo cable assemblies with brake pairs for fixed installation

According to SIEMENS-6FX5002 standard Extension



Application

- Extension cable for Siemens servo drives
- For flexible application without continuous flexing
- More cost-effective alternative to the cable chain version 6FX8002

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Notes:

- The extension can also be used for **SPEED-CONNECT** plug connection, for this the O-ring must be removed on the outer thread. This does not affect the tightness of the plug connection.

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1

Approvals

cURus

Product photo

The product photos are not to scale and do not represent detailed images of the respective products.

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS/SIMODRIVE, full thread				
198731.1000	A* 6FX5002-5DA05-1BA0	10	(4G1.5+(2×1.5))	11.6
198991.1000	A* 6FX5002-5DA15-1BA0	10	(4G2.5+(2×1.5))	13.0
198791.1000	A* 6FX5002-5DA28-1BA0	10	(4G1.5+(2×1.5))	11.6
198801.1000	A* 6FX5002-5DA38-1BA0	10	(4G2.5+(2×1.5))	13.0
198006.1000	A* 6FX5002-5DA48-1BA0	10	(4G4+(2×1.5))	14.0
198011.1000	A* 6FX5002-5DA58-1BA0	10	(4G6+(2×1.5))	15.8
198026.1000	A* 6FX5002-5DA68-1BA0	10	(4G10+(2×1.5))	18.5
198184.1000	A* 6FX5002-5DX28-1BA0	10	(4G16+(2×1.5))	23.6
198186.1000	A* 6FX5002-5DX38-1BA0	10	(4G25+(2×1.5))	28.5

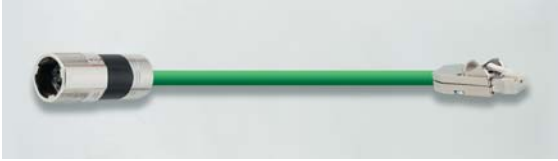
Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Control pair: colour coded (bw, wb), with foil tape and braided shield
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: orange RAL 2003

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Signal cable for fixed wiring

According to SIEMENS-6FX5002 standard Base cable DRIVE-CLIQ



Application

- Signal cable for SIEMENS SERVO drives
- For flexible application without compulsory guide
- More cost-effective alternative to the cable carrier suitable 6FX8002 version

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS-compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 200 MΩ×km
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	7.5×D
Minimum bending radius moving	15×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.
Note	Permitted total cable length ≤ 100 m (6FX5...) or ≤ 75 m (6FX8...)

Construction

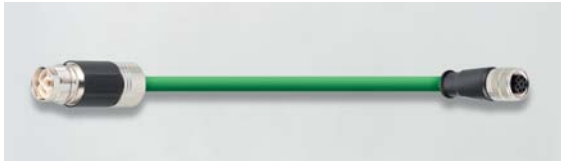
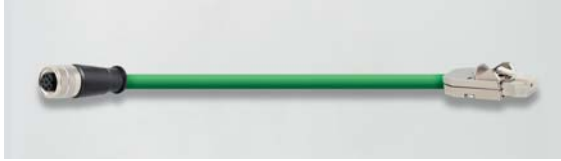
- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Colour coded
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PVC TM2 according to VDE 0281-1
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
SINAMICS				
198475.1000	A* 6FX5002-2DC40-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198477.1000	A* 6FX5002-2DC42-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198479.1000	A* 6FX5002-2DC44-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198484.1000	A* 6FX5002-2DD40-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198486.1000	A* 6FX5002-2DD42-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198488.1000	A* 6FX5002-2DD44-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198499.1000	A* 6FX5002-2DC48-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198504.1000	A* 6FX5002-2DD48-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2

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Signal cable for fixed wiring

According to SIEMENS-6FX5002 Base cable DRIVE-CLIQ



Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
SINAMICS				
198493.1000	A* 6FX5002-2DC46-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198495.1000	A* 6FX5002-2DC30-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2
198497.0300	A* 6FX5002-2DC34-1AD0	3.0	(2×2×AWG26+1×2×AWG22)	7.2
198497.0600	A* 6FX5002-2DC34-1AG0	6.0	(2×2×AWG26+1×2×AWG22)	7.2
198506.1000	A* 6FX5002-2DC36-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	7.2

Application

- Signal cable for SIEMENS SERVO drives
- For flexible application without compulsory guide
- Cost-effective alternative to the cable carrier suitable 6FX8002 version

Properties

- PVC Flame-retardant, self-extinguishing
- Silicone free
- RoHS compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 200 MΩ×km
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	7.5×D
Minimum bending radius moving	15×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.
Note	The total length of the DRIVE-CLIQ train does not exceed more than 30 m.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Colour coded
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PVC TM2 according to VDE 0281-1
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

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Signal cable assemblies for fixed installation

According to SIEMENS-6FX5002 standard Base cable DRIVE-CLIQ®



Application

- Resolver cable
- For flexible application without continuous flexing
- Cost-effective alternative to the c-tracks suitable 6FX8002 version

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 20 MΩ×km
Temperature range fixed	-25 °C ... +80 °C
Temperature range moving	-5 °C ... +80 °C
Minimum bending radius fixed	7.5×D
Minimum bending radius moving	15×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Part-No.	SIEMENS designation*	Cable length m	Outer ∅ mm
SINAMICS			
198036.1000	A* 6FX5002-2DC00-1BA0	10	7.2
198037.1000	A* 6FX5002-2DC10-1BA0	10	7.2
198038.1000	A* 6FX5002-2DC20-1BA0	10	7.2

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special PP
- Conductor marking: Colour coded
- Ground conductor green/yellow according to DIN EN 50334
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket color: green RAL 6018

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Servo cable assemblies for C-tracks

According to SIEMENS-6FX8002 standard Base cable



Application

- Base cable for Siemens servo drives
- As a result of the special PUR jacket and the TPE conductor insulation, best suited for drag chains, extremely rough operating conditions, aggressive coolants and lubricants.
- Especially for industrial environments, machines and plants

Properties

- Very good alternating bending strength
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weathering, ozone and UV resistant (normal lighting conditions)
- Good resistance to use and salt water
- Largely resistant to oils, greases, alcohol-free benzines and kerosene
- Silicone free
- RoHS compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	≥ 500 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to Approvals	EN 50267-2-1 cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special PP
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer ∅ mm
SINAMICS, speed-connect / Booksize without brake pairs				
198398.1000	A* 6FX8002-5CN06-1BA0	10.0	(4G1.5)	8.4
198409.1000	A* 6FX8002-5CN26-1BA0	10.0	(4G1.5)	8.4
198412.1000	A* 6FX8002-5CS06-1BA0	10.0	(4G1.5)	8.4
198414.1000	A* 6FX8002-5CS26-1BA0	10.0	(4G1.5)	8.4
198399.1000	A* 6FX8002-5CN16-1BA0	10.0	(4G2.5)	10.6
198424.1000	A* 6FX8002-5CN36-1BA0	10.0	(4G2.5)	10.6
198426.1000	A* 6FX8002-5CS16-1BA0	10.0	(4G2.5)	10.6
198428.1000	A* 6FX8002-5CS36-1BA0	10.0	(4G2.5)	10.6
198439.1000	A* 6FX8002-5CN46-1BA0	10.0	(4G4)	12.2
198442.1000	A* 6FX8002-5CS46-1BA0	10.0	(4G4)	12.2
198448.1000	A* 6FX8002-5CN56-1BA0	10.0	(4G6)	14.0
198451.1000	A* 6FX8002-5CS56-1BA0	10.0	(4G6)	14.0
198401.1000	A* 6FX8002-5CN56-1BA0	10.0	(4G6)	13.2
198457.1000	A* 6FX8002-5CN66-1BA0	10.0	(4G10)	17.6
198459.1000	A* 6FX8002-5CS17-1BA0	10.0	(4G10)	17.6
198464.1000	A* 6FX8002-5CS66-1BA0	10.0	(4G10)	17.6
SINAMICS, speed-connect / Booksize with brake pairs				
198403.1000	A* 6FX8002-5DN06-1BA0	10.0	(4G1.5+(2×1.5))	11.4
198416.1000	A* 6FX8002-5DN26-1BA0	10.0	(4G1.5+(2×1.5))	11.4
198418.1000	A* 6FX8002-5DS06-1BA0	10.0	(4G1.5+(2×1.5))	11.4
198421.1000	A* 6FX8002-5DS26-1BA0	10.0	(4G1.5+(2×1.5))	11.4
198431.1000	A* 6FX8002-5DN16-1BA0	10.0	(4G2.5+(2×1.5))	12.9
198433.1000	A* 6FX8002-5DN36-1BA0	10.0	(4G2.5+(2×1.5))	12.9
198435.1000	A* 6FX8002-5DS16-1BA0	10.0	(4G2.5+(2×1.5))	12.9
198437.1000	A* 6FX8002-5DS36-1BA0	10.0	(4G2.5+(2×1.5))	12.9
198444.1000	A* 6FX8002-5DN46-1BA0	10.0	(4G4+(2×1.5))	14.5
198446.1000	A* 6FX8002-5DS46-1BA0	10.0	(4G4+(2×1.5))	14.5
198453.1000	A* 6FX8002-5DN56-1BA0	10.0	(4G6+(2×1.5))	16.1
198455.1000	A* 6FX8002-5DS56-1BA0	10.0	(4G6+(2×1.5))	16.1
198466.1000	A* 6FX8002-5DN66-1BA0	10.0	(4G10+(2×1.5))	19.5
198468.1000	A* 6FX8002-5DS66-1BA0	10.0	(4G10+(2×1.5))	19.5
198473.1000	A* 6FX8002-5DS17-1BA0	10.0	(4G10+(2×1.5))	19.5

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Servo cable assemblies without brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Base cable



Application

- Base cable DRIVE-CLIQ®, for SIEMENS SERVO drives
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U ₀ /U	600/1000 V
Test voltage	4000 V
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D

Burning behavior according to IEC 60332-1
DIN EN 50265-2
VDE 0482 Part 265-2
UL 1581 Part 1080 VW-1
UL FT1

Halogen free according to EN 50267-2-1
Approvals cURus

Product photo The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special TPE
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/cross-section	Outer Ø mm
SINAMICS, speed-connect/Booksize				
198326.1000	A* 6FX8002-5CN01-1BA0	10	(4G1.5)	8.6
198327.1000	A* 6FX8002-5CN11-1BA0	10	(4G2.5)	10.8
198328.1000	A* 6FX8002-5CN21-1BA0	10	(4G1.5)	8.6
198329.1000	A* 6FX8002-5CN31-1BA0	10	(4G2.5)	10.8
198330.1000	A* 6FX8002-5CN41-1BA0	10	(4G4)	12.2
198331.1000	A* 6FX8002-5CN51-1BA0	10	(4G6)	14.0
198332.1000	A* 6FX8002-5CN61-1BA0	10	(4G10)	17.6
SINAMICS, full thread/Booksize				
198300.1000	A* 6FX8002-5CS01-1BA0	10	(4G1.5)	8.6
198302.1000	A* 6FX8002-5CS11-1BA0	10	(4G2.5)	10.8
198214.1000	A* 6FX8002-5CS13-1BA0	10	(4G10)	17.6
198304.1000	A* 6FX8002-5CS21-1BA0	10	(4G1.5)	8.6
198305.1000	A* 6FX8002-5CS31-1BA0	10	(4G2.5)	10.8
198317.1000	A* 6FX8002-5CS41-1BA0	10	(4G4)	12.2
198318.1000	A* 6FX8002-5CS51-1BA0	10	(4G6)	14.0
198319.1000	A* 6FX8002-5CS61-1BA0	10	(4G10)	17.6
SINAMICS, open end/Booksize				
198303.1000	A* 6FX8002-5CS12-1BA0	10	(4G2.5)	10.6
198306.1000	A* 6FX8002-5CS42-1BA0	10	(4G4)	12.2

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Servo cable assemblies without brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Base cable



Application

- Base cable, for Siemens servo drives
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +85 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6xD
Minimum bending radius moving	10xD
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VVW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, DIN EN 60228, class 6
- Conductor insulation: Special TPE
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SIMODRIVE, full thread/open end				
198360.1000	A* 6FX8002-5CA01-1BA0	10	(4G1.5)	8.6
198380.1000	A* 6FX8002-5CA11-1BA0	10	(4G2.5)	10.8
198845.1000	A* 6FX8002-5CA13-1BA0	10	(4G10)	17.6
198400.1000	A* 6FX8002-5CA21-1BA0	10	(4G1.5)	8.6
198810.1000	A* 6FX8002-5CA23-1BA0	10	(4G16)	21.2
198410.1000	A* 6FX8002-5CA31-1BA0	10	(4G2.5)	10.8
198430.1000	A* 6FX8002-5CA41-1BA0	10	(4G4)	12.2
198440.1000	A* 6FX8002-5CA51-1BA0	10	(4G6)	14.0
198450.1000	A* 6FX8002-5CA61-1BA0	10	(4G10)	17.6
SINAMICS, full thread/open end				
198950.1000	A* 6FX8002-5CG01-1BA0	10	(4G1.5)	8.6
198040.1000	A* 6FX8002-5CG11-1BA0	10	(4G2.5)	10.8
198283.1000	A* 6FX8002-5CG13-1BA0	10	(4G10)	17.6
198035.1000	A* 6FX8002-5CG21-1BA0	10	(4G1.5)	8.6
198803.1000	A* 6FX8002-5CG23-1BA0	10	(4G16)	21.2
198045.1000	A* 6FX8002-5CG31-1BA0	10	(4G2.5)	10.8
198198.1000	A* 6FX8002-5CG32-1BA0	10	(4G2.5)	10.8
198050.1000	A* 6FX8002-5CG41-1BA0	10	(4G4)	12.2
198055.1000	A* 6FX8002-5CG51-1BA0	10	(4G6)	14.0
198060.1000	A* 6FX8002-5CG61-1BA0	10	(4G10)	17.6
198284.1000	A* 6FX8002-5CS14-1BA0	10	(4G10)	17.6
198285.1000	A* 6FX8002-5CS23-1BA0	10	(4G16)	21.2
198980.1000	A* 6FX8002-5CS54-1BA0	10	(4G6)	14.0
198286.1000	A* 6FX8002-5CS64-1BA0	10	(4G10)	17.6

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Servo cable assemblies with brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Base cable



Application

- Base cable for Siemens servo drives
- Full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6xD
Minimum bending radius moving	10xD
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special HGI
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Control pair: colour coded (bw, wb), with foil tape and braided shield
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS, speed-connect/Booksize				
198333.1000	A* 6FX8002-5DN01-1BA0	10	(4G1.5+(2×1.5))	11.4
198334.1000	A* 6FX8002-5DN11-1BA0	10	(4G2.5+(2×1.5))	12.9
198335.1000	A* 6FX8002-5DN21-1BA0	10	(4G1.5+(2×1.5))	11.4
198336.1000	A* 6FX8002-5DN31-1BA0	10	(4G2.5+(2×1.5))	12.9
198337.1000	A* 6FX8002-5DN41-1BA0	10	(4G4+(2×1.5))	14.5
198338.1000	A* 6FX8002-5DN51-1BA0	10	(4G6+(2×1.5))	16.1
198339.1000	A* 6FX8002-5DN61-1BA0	10	(4G10+(2×1.5))	19.5
SINAMICS, full thread/Booksize				
198310.1000	A* 6FX8002-5DS01-1BA0	10	(4G1.5+(2×1.5))	11.4
198311.1000	A* 6FX8002-5DS11-1BA0	10	(4G2.5+(2×1.5))	12.9
198312.1000	A* 6FX8002-5DS21-1BA0	10	(4G1.5+(2×1.5))	11.4
198313.1000	A* 6FX8002-5DS31-1BA0	10	(4G2.5+(2×1.5))	12.9
198314.1000	A* 6FX8002-5DS41-1BA0	10	(4G4+(2×1.5))	14.5
198315.1000	A* 6FX8002-5DS51-1BA0	10	(4G6+(2×1.5))	16.1
198316.1000	A* 6FX8002-5DS61-1BA0	10	(4G10+(2×1.5))	19.5
198247.1000	A* 6FX8002-5DS13-1BA0	10	(4G10+(2×1.5))	19.5

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Servo cable assemblies with brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Base cable



Application

- Base cable, for Siemens servo drives
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1 EN 60684-2
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor:
- Conductor category:
- Conductor insulation: Special HGI
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Control pair: colour coded (bw, wb), with foil tape and braided shield
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield:
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SIMODRIVE, full thread/open end				
198460.1000	A* 6FX8002-5DA01-1BA0	10	(4G1.5+(2×1.5))	11.4
198480.1000	A* 6FX8002-5DA11-1BA0	10	(4G2.5+(2×1.5))	12.9
198840.1000	A* 6FX8002-5DA13-1BA0	10	(4G10+(2×1.5))	19.5
198500.1000	A* 6FX8002-5DA21-1BA0	10	(4G1.5+(2×1.5))	11.4
198870.1000	A* 6FX8002-5DA23-1BA0	10	(4G16+(2×1.5))	23.6
198530.1000	A* 6FX8002-5DA31-1BA0	10	(4G2.5+(2×1.5))	12.9
198880.1000	A* 6FX8002-5DA33-1BA0	10	(4G25+(2×1.5))	28.5
198560.1000	A* 6FX8002-5DA41-1BA0	10	(4G4+(2×1.5))	14.5
198349.1000	A* 6FX8002-5DA43-1BA0	10	(4G35+(2×1.5))	32.0
198570.1000	A* 6FX8002-5DA51-1BA0	10	(4G6+(2×1.5))	16.1
198580.1000	A* 6FX8002-5DA61-1BA0	10	(4G10+(2×1.5))	19.5
SINAMICS, full thread/open end				
198075.1000	A* 6FX8002-5DG01-1BA0	10	(4G1.5+(2×1.5))	11.4
198085.1000	A* 6FX8002-5DG11-1BA0	10	(4G2.5+(2×1.5))	11.4
198275.1000	A* 6FX8002-5DG13-1BA0	10	(4G10+(2×1.5))	19.5
198080.1000	A* 6FX8002-5DG21-1BA0	10	(4G1.5+(2×1.5))	11.4
198276.1000	A* 6FX8002-5DG23-1BA0	10	(4G16+(2×1.5))	23.6
198090.1000	A* 6FX8002-5DG31-1BA0	10	(4G2.5+(2×1.5))	12.9
198277.1000	A* 6FX8002-5DG33-1BA0	10	(4G25+(2×1.5))	28.5
198095.1000	A* 6FX8002-5DG41-1BA0	10	(4G4+(2×1.5))	14.5
198278.1000	A* 6FX8002-5DG43-1BA0	10	(4G35+(2×1.5))	32.0
198100.1000	A* 6FX8002-5DG51-1BA0	10	(4G6+(2×1.5))	16.1
198279.1000	A* 6FX8002-5DG53-1BA0	10	(4G50+(2×1.5))	37.3
198115.1000	A* 6FX8002-5DG61-1BA0	10	(4G10+(2×1.5))	19.5
198263.1000	A* 6FX8002-5DS14-1BA0	10	(4G10+(2×1.5))	19.5
198267.1000	A* 6FX8002-5DS23-1BA0	10	(4G16+(2×1.5))	23.6
198259.1000	A* 6FX8002-5DS54-1BA0	10	(4G6+(2×1.5))	16.1
198262.1000	A* 6FX8002-5DS64-1BA0	10	(4G10+(2×1.5))	19.5

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Servo cable assemblies without brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Extension



Application

- Extension cable for Siemens servo drives
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Notes:

- The extension can also be used for **SPEED-CONNECT** plug connection, for this the O-ring must be removed on the outer thread. This does not affect the tightness of the plug connection.

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1 EN 60684-2
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special HGI
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping:
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS/SIMODRIVE, full thread				
198820.1000	A* 6FX8002-5CA05-1BA0	10	(4G1.5)	8.6
198985.1000	A* 6FX8002-5CA15-1BA0	10	(4G2.5)	10.8
198765.1000	A* 6FX8002-5CA28-1BA0	10	(4G1.5)	8.6
198995.1000	A* 6FX8002-5CA38-1BA0	10	(4G2.5)	10.8
198015.1000	A* 6FX8002-5CA48-1BA0	10	(4G4)	12.2
198020.1000	A* 6FX8002-5CA58-1BA0	10	(4G6)	14.0
198030.1000	A* 6FX8002-5CA68-1BA0	10	(4G10)	17.6
198216.1000	A* 6FX8002-5CX18-1BA0	10	(4G10)	17.6
198217.1000	A* 6FX8002-5CX28-1BA0	10	(4G16)	21.2
SINAMICS, speed-connect				
198204.1000	A* 6FX8002-5CN05-1BA0	10	(4G1.5)	8.6

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Servo cable assemblies with brake pairs for C-tracks

According to SIEMENS-6FX8002 standard Extension



Application

- Extension cable for Siemens servo drives
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Silicone free
- RoHS-compliant

Notes:

- The extension can also be used for **SPEED-CONNECT** plug connection, for this the O-ring must be removed on the outer thread. This does not affect the tightness of the plug connection.

Technical data

Rated voltage	1000 V 80 °C
Rated voltage U_0/U	600/1000 V
Test voltage	4000 V
Insulation resistance at 20 °C	$\geq 500 \text{ M}\Omega \times \text{km}$
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	10×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

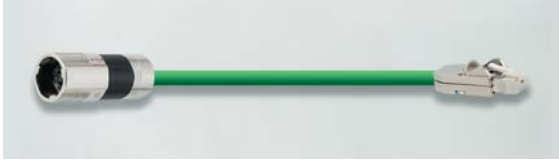
- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special HGI
- Conductor marking: Power conductors black with numbered print U/L1/C/L+, V/L2, W/L3/D/L-
- Ground conductor green/yellow according to DIN EN 50334
- Control pair: colour coded (bw, wb), with foil tape and braided shield
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield:
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: orange RAL 2003

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer \varnothing mm
SINAMICS/SIMODRIVE, full thread				
198730.1000	A* 6FX8002-5DA05-1BA0	10	(4G1.5+(2×1.5))	11.4
198990.1000	A* 6FX8002-5DA15-1BA0	10	(4G2.5+(2×1.5))	12.9
198790.1000	A* 6FX8002-5DA28-1BA0	10	(4G1.5+(2×1.5))	11.4
198800.1000	A* 6FX8002-5DA38-1BA0	10	(4G2.5+(2×1.5))	12.9
198005.1000	A* 6FX8002-5DA48-1BA0	10	(4G4+(2×1.5))	14.5
198010.1000	A* 6FX8002-5DA58-1BA0	10	(4G6+(2×1.5))	16.1
198025.1000	A* 6FX8002-5DA68-1BA0	10	(4G10+(2×1.5))	19.5
198248.1000	A* 6FX8002-5DX18-1BA0	10	(4G10+(2×1.5))	19.5
198249.1000	A* 6FX8002-5DX28-1BA0	10	(4G16+(2×1.5))	23.6
198252.1000	A* 6FX8002-5DX38-1BA0	10	(4G25+(2×1.5))	28.5
198187.1000	A* 6FX8002-5DX48-1BA0	10	(4G35+(2×1.5))	32.0
198254.1000	A* 6FX8002-5DX58-1BA0	10	(4G50+(2×1.5))	37.3
SINAMICS, speed-connect				
198735.1000	A* 6FX8002-5DN05-1BA0	10	(4G1.5+(2×1.5))	11.4

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Signal cables for C-tracks

According to SIEMENS-6FX8002 standard Base cable DRIVE-CLIQ



Application

- Signal cable for SIEMENS SERVO drives
- As a result of the special PUR jacket and the TPE conductor insulation, best suited for drag chains, extremely rough operating conditions, aggressive coolants and lubricants.
- Especially for industrial environments, machines and plants

Properties

- Very good alternating bending strength
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weathering, ozone and UV resistant (normal lighting conditions)
- Good resistance to use and salt water
- Largely resistant to oils, greases, alcohol-free benzines and kerosene
- Silicone free
- RoHS compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 200 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.
Note	Permitted total cable length ≤ 100 m (6FX5...) or ≤ 75 m (6FX8...)

Construction

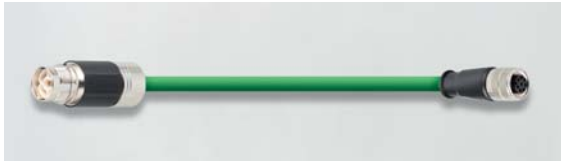
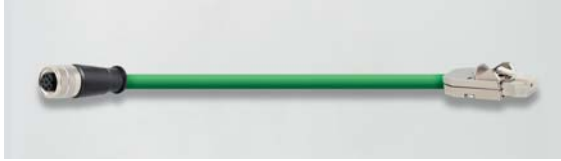
- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special TPE
- Conductor marking: Colour coded
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PUR
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
SINAMICS				
198476.1000	A* 6FX8002-2DC40-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198478.1000	A* 6FX8002-2DC42-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198483.1000	A* 6FX8002-2DC44-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198485.1000	A* 6FX8002-2DD40-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198487.1000	A* 6FX8002-2DD42-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198489.1000	A* 6FX8002-2DD44-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198503.1000	A* 6FX8002-2DC48-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8
198505.1000	A* 6FX8002-2DD48-1BA0	10.0	(2×2×AWG26+1×2×AWG22)	6.8

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Signal cables for C-tracks

According to SIEMENS-6FX8002 standard Base cable DRIVE-CLIQ



Part-No.	SIEMENS designation*	Cable length m	Number of conductors/ cross-section	Outer Ø mm
SINAMICS				
198494.1000	A* 6FX8002-2DC46-1BA0	10.0	(2×2×AWG26+1× 2×AWG22)	6.8
198496.1000	A* 6FX8002-2DC30-1BA0	10.0	(2×2×AWG26+1× 2×AWG22)	6.8
198498.0300	A* 6FX8002-2DC34-1AD0	3.0	(2×2×AWG26+1× 2×AWG22)	6.8
198498.0600	A* 6FX8002-2DC34-1AG0	6.0	(2×2×AWG26+1× 2×AWG22)	6.8
198507.1000	A* 6FX8002-2DC36-1BA0	10.0	(2×2×AWG26+1× 2×AWG22)	6.8

Application

- Signal cable for SIEMENS SERVO drives
- As a result of the special PUR jacket and the TPE conductor insulation, best suited for drag chains, extremely rough operating conditions, aggressive coolants and lubricants.
- Especially for industrial environments, machines and plants

Properties

- Very good alternating bending strength
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Weathering, ozone and UV resistant (normal lighting conditions)
- Good resistance to use and salt water
- Largely resistant to oils, greases, alcohol-free benzines and kerosene
- Silicone free
- RoHS compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 200 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL VW-1 UL FT1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.
Note	The total length of the DRIVE-CLIQ train does not exceed more than 30 m.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special TPE
- Conductor marking: Colour coded
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: Special PUR
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

* Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only

Signal cable assemblies for C-tracks

According to SIEMENS-6FX8002 standard Base cable DRIVE-CLIQ®



LÜTZE SUPERFLEX®
← connected



Application

- Resolver cable
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 2000 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Part-No.	SIEMENS designation*	Cable length m	Outer ∅ mm
SINAMICS			
198890.1000	A* 6FX8002-2DC00-1BA0	10	6.8
198900.1000	A* 6FX8002-2DC10-1BA0	10	6.8
198910.1000	A* 6FX8002-2DC20-1BA0	10	6.8

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 6
- Conductor insulation: Special TPE
- Conductor marking: Colour coded
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

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Signal cable assemblies for C-tracks

According to SIEMENS-6FX8002 standard
base cable and extension



LÜTZE SUPERFLEX[®]
connected

halogen free
flame retardant



cRU[®] US

RoHS

Application

- Resolver cable
- Due to full PUR jacket and TPE conductor insulation optimally suited for c-tracks, extremely rough operating conditions, aggressive coolants and lubricants

Properties

- Silicone free
- RoHS-compliant

Technical data

Rated voltage	30 V 80 °C
Test voltage	500 V
Insulation resistance at 20 °C	≥ 2000 MΩ×km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Burning behavior according to	IEC 60332-1 DIN EN 50265-2 VDE 0482 Part 265-2 UL 1581 Part 1080 VW-1 UL FT1
Halogen free according to	EN 50267-2-1
Approvals	cURus
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

Construction

- Conductor: CU-wire bare
- Conductor category: Finely stranded DIN VDE 0295, IEC 60228, Class 5
- Conductor insulation: Special TPE
- Conductor marking: Colour coded
- Overall stranding: Conductors twisted without mechanical stress
- Overall wrapping: Non-woven material, over the cable core
- Overall shield: Braid shield, Tinned copper wires, optical cover approx. 85%
- Jacket material: PUR
- Surface: matt, adhesion-free
- Jacket color: green RAL 6018

Part-No.	SIEMENS designation*	Cable length m	Outer Ø mm
SIMODRIVE base cable			
198110.1000	A* 6FX8002-2AD00-1BA0	10	8.6
198830.1000	A* 6FX8002-2AH00-1BA0	10	9.0
198120.1000	A* 6FX8002-2CA11-1BA0	10	9.0
198130.1000	A* 6FX8002-2CA15-1BA0	10	8.6
198628.1000	A* 6FX8002-2CA31-1BA0	10	9.5
198850.1000	A* 6FX8002-2CA51-1BA0	10	8.6
198150.1000	A* 6FX8002-2CA61-1BA0	10	8.6
198200.1000	A* 6FX8002-2CB51-1BA0	10	9.0
198210.1000	A* 6FX8002-2CC11-1BA0	10	9.0
198220.1000	A* 6FX8002-2CD01-1BA0	10	9.0
198240.1000	A* 6FX8002-2CF02-1BA0	10	8.6
198170.1000	A* 6FX8002-2CG00-1BA0	10	9.0
198250.1000	A* 6FX8002-2CH00-1BA0	10	8.6
198280.1000	A* 6FX8002-2EQ10-1BA0	10	9.5
198140.1000	A* 6FX8002-2CA21-1BA0	10	8.6
198260.1000	A* 6FX8002-2CE07-1BA0	10	9.0
SIMODRIVE extension			
198160.1000	A* 6FX8002-2CA34-1BA0	10	9.5
198740.1000	A* 6FX8002-2CF04-1BA0	10	8.6
198700.1000	A* 6FX8002-2EQ14-1BA0	10	9.5
198105.1000	A* 6FX8002-2AD04-1BA0	10	8.6
198295.1000	A* 6FX8002-2CB54-1BA0	10	9.0

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Pre-fabricated front-end plug S7

S7 Plug For Siemens Simatic PLC/S7



Application

- Wiring from Siemens Simatic PLC/S7

Properties

- Cable core with S7 connector
- Completely wired, 2. cables run at 90° to connector

Technical data

Packaging	3 m or 5 m Other lengths are available upon request
Compatibility	Fully compatible to Siemens
Jacket color	dark blue RAL 5010
Conductor marking	with white number print

Part-No.	Type	Cable core	Number of conductors/ cross-section	Cable length m
S7 Plug with screw termination				
197455	A* 392 1AJ	20-pin	20x0.5	3
197456	A* 392 1AJ	20-pin	20x0.5	5
197457	A* 392 1AJ	20-pin	20x0.75	3
197458	A* 392 1AJ	20-pin	20x0.75	5
S7 Plug with Easy-Connect				
197500	A* 392 1AM	40-pin	(40x0.5)	3
197501	A* 392 1AM	40-pin	(40x0.5)	5
197502	A* 392 1AM	40-pin	(40x0.75)	3
197503	A* 392 1AM	40-pin	(40x0.75)	5