

... harnessed cables for drive technology ...
chainflex® readycable®

Selection chart for igus® chainflex® cables (you can find the green number on

... harnessed cables for drive technology ...
chainflex® readycable®

the product pages of the respective manufacturers)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
chainflex® series	CF31	CF35.UL	CF38	CF210.UL	CF21.UL	CF270.UL.D	CF27.D	CF211 Mess	CF111.D	CF113.D	CF11.D	CFBUS	CF240.PUR	CF211	CF113	CF11
Class	5.5.2.1	6.6.4.1	7.6.4.1	4.2.2.1	5.5.2.1	4.2.3.1	6.5.3.1	4.2.2.1	4.2.3.1	6.5.3.1	6.6.4.1	6.6.4.1	4.4.3.1	5.5.2.1	6.5.3	6.6.4.1
Outer jacket	PVC	TPE	TPE	PVC	PVC	PUR	PUR	PVC	PUR	PUR	TPE	TPE	PUR	PVC	PUR	TPE
Shielded	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minimum bend radius [x d]	7.5 x d	7.5 x d	7.5 x d	10 x d	7.5 x d	10 x d	7.5 x d	10 x d	10 x d	7.5 x d	7.5 x d	10 - 12.5 x d	10 x d	7.5 x d	10 x d	6.8 x d
Travel distance [m]	≤ 100	≤ 400	≤ 400	≤ 10	≤ 100	≤ 10	≤ 100	≤ 10	≤ 10	≤ 100	≤ 400	≤ 400	≤ 50	≤ 100	≤ 100	≤ 400
Oil-resistant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant						✓	✓		✓	✓			✓		✓	
Flame-retardant	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Halogen-free			✓			✓	✓		✓	✓	✓		✓		✓	✓
Notch-resistant						✓	✓		✓	✓			✓		✓	
Hydrolysis-/microbe-resistant		✓	✓			✓	✓		✓	✓	✓	✓	✓		✓	✓
Temperature, from/to [°C]	-5/+70	-35/+90	-35/+90	+5/+70	+5/+70	-25/+80	-25/+80	+5/+70	-25/+80	-25/+80	-35/+90	-35/+70	-25/+80	+5/+70	-25/+80	-35/+100
Nominal voltage [V]	600/1000	600/1000	600/1000	600/1000	600/1000	600/1000	600/1000	50	50	50	50	50	300/300	300/300	300/300	300/300
Farbe	Jet black	Signal black	Jet black	Pastel orange	Moss green	Pastel orange	Pastel orange	Yellow green	Yellow green	Yellow green	Yellow green	Red lilac	Silver grey	Silver grey	Anthracite grey	Steel blue
CE/CEI																
RoHS																
CleanRoom																
EAC/CTP																
UL/CSA + NFPA																
Desina																
More Information																
► Catalogue page	296	316	322	252	260	266	274	216	226	232	238	174	120	124	-	132
www.igus.eu/	CF31	CF35UL	CF38	CF210UL	CF21UL	CF270ULD	CF27D	CF211M	CF111D	CF113D	CF11D	CFBUS	CF240PUR	CF211	CF113	CF11

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	17	18	19	20	21	22	23		24	25	26	27	28	29	30	31	32
chainflex® series	CF130.UL	CF140.UL	CF5	CF6	CF77.UL.D	CF78.UL	CF9		CF10	CF9.UL	CF211.PUR	CF220.UL.H	CF280.UL.H	CFBUS.PVC	CFBUS.PUR	CF240	CF29.D
Class	4.4.1.1	4.4.1.1	5.5.2.1	5.5.2.1	5.5.3.1	5.5.3.1	7.6.4.2		7.6.4.1	6.6.4.2	5.5.3.1	4.2.2.1	4.2.3.1	4.3.2.1	4.3.3.1	4.4.2.1	7.6.4.1
Outer jacket	PVC	PVC	PVC	PVC	PUR	PUR	TPE		TPE	TPE	PUR	PVC	PUR	PVC	PUR	PVC	TPE
Shielded		✓		✓		✓			✓		✓	✓	✓	✓	✓	✓	✓
Minimum bend radius [x d]	7.5 x d	7.5 x d	6.8 x d	6.8 x d	6.8 x d	6.8 x d	5 x d		5 x d	5 x d	7.5 x d	10 x d	10 x d	12.5 x d	12.5 x d	10 x d	6.8 x d
Travel distance [m]	≤ 50	≤ 50	≤ 50	≤ 50	≤ 100	≤ 100	> 400		> 400	> 400	≤ 100	≤ 10	≤ 10	≤ 20	≤ 20	≤ 50	≤ 400
Oil-resistant			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil-/coolant-resistant					✓	✓					✓		✓		✓		✓
Flame-retardant	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	
Halogen-free					✓	✓	✓		✓				✓		✓		✓
Notch-resistant					✓	✓					✓		✓		✓		
Hydrolysis-/microbe-resistant					✓	✓	✓		✓	✓	✓		✓		✓		✓
Temperature, from/to [°C]	+5/+70	+5/+70	+5/+70	+5/+70	-25/+80	-25/+80	-35/+100		-35/+100	-35/+100	-25/+80	+5/+70	-25/+80	+5/+70	-20/+70	-15/+70	-55/+100
Nominal voltage [V]	300/500	300/500	300/500	300/500	300/500	300/500	300/500		300/500	300/500	300/300	600/1000	600/1000	50	50	300/300	600/1000
Farbe	Silver grey	Silver grey	Moss green	Moss green	Window grey	Window grey	Steel blue		Steel blue	Slate grey	Silver grey	Pastel orange	Pastel orange	Red lilac	Red lilac	Silver grey	Pastel orange
CE/CEI																	
RoHS																	
CleanRoom																	
EAC/CTP																	
UL/CSA + NFPA																	
Desina																	
More Information																	
► Catalogue page	50	54	58	62	78	82	90		94	98	128	256	270	162	170	116	278
www.igus.eu/	CF130	CF140	CF5	CF6	CF77	CF78	CF9		CF10	CF9UL	CF211PUR	CF220ULH	CF280ULH	CFBUSPVC	CFBUSPUR	CF240	CF29.D

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø		Cable page 498-501
				Minimum bend radius	Minimum bend radius	
			[mm²]	[mm]	[x d]	

Siemens Power cables

Basic cable



6FX8002-5CN06	PVC	MAT9761554	(4G1.5)C	10.5	7.5	01
	PUR	MAT98615122	(4G1.5)C	9.5	10	06
	PUR	MAT98615123	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961560	(4G1.5)C	10.0	7.5	02
6FX8002-5CN16	PVC	MAT9761559	(4G2.5)C	12.0	7.5	01
	PUR	MAT98615108	(4G2.5)C	11.5	10	06
	PUR	MAT98615107	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961554	(4G2.5)C	11.5	7.5	02

Basic cable



6FX8002-5CN26	PVC	MAT97515111	(4G1.5)C	10.5	7.5	01
	PUR	MAT98515130	(4G1.5)C	9.5	10	06
	TPE	MAT98515131	(4G1.5)C	10.0	7.5	02
6FX8002-5CN36	PVC	MAT9761556	(4G2.5)C	12.0	7.5	01
	PUR	MAT98615102	(4G2.5)C	11.5	10	06
	PUR	MAT98615103	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961552	(4G2.5)C	11.5	7.5	02
6FX8002-5CN46	PVC	MAT9761557	(4G4.0)C	13.5	7.5	01
	PUR	MAT98615105	(4G4.0)C	12.5	10	06
	TPE	MAT9961553	(4G4.0)C	13.5	7.5	02
6FX8002-5CN56	PVC	MAT9761561	(4G6.0)C	16.0	7.5	01
	PUR	MAT98615110	(4G6.0)C	14.5	10	06
	TPE	MAT9961555	(4G6.0)C	16.0	7.5	02

Basic cable



6FX8002-5CS06	PVC	MAT9761568	(4G1.5)C	10.5	7.5	01
	PUR	MAT98615120	(4G1.5)C	9.5	10	06
	PUR	MAT98615121	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961559	(4G1.5)C	10.0	7.5	02

Basic cable



6FX_002-5CA01	PVC	MAT9150001	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861504	(4G1.5)C	9.5	10	06
	TPE	MAT9050001	(4G1.5)C	10.0	7.5	02

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø		Cable page 498-501
				Minimum bend radius	Minimum bend radius	
			[mm²]	[mm]	[x d]	

Siemens Power cables

Basic cable



6FX_002-5CA11	PVC	MAT9150002	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861505	(4G2.5)C	11.5	10	06
	TPE	MAT9050002	(4G2.5)C	11.5	7.5	02

Basic cable



6FX_002-5CA13	PVC	MAT9150009	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861524	(4G10.0)C	18.0	10	06
	TPE	MAT9050009	(4G10.0)C	19.5	7.5	02

Basic cable



6FX_002-5CA21	PVC	MAT9150003	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861506	(4G1.5)C	9.5	10	06
	TPE	MAT9050003	(4G1.5)C	10.0	7.5	02

Basic cable



6FX_002-5CA23	PVC	MAT9150008	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861511	(4G16.0)C	22.0	10	06
	TPE	MAT9050008	(4G16.0)C	23.0	7.5	02

Basic cable



6FX_002-5CA31	PVC	MAT9150004	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861507	(4G2.5)C	11.5	10	06
	TPE	MAT9050004	(4G2.5)C	11.5	7.5	02
6FX_002-5CA41	PVC	MAT9150005	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861508	(4G4.0)C	12.5	10	06
	TPE	MAT9050005	(4G4.0)C	13.5	7.5	02
6FX_002-5CA51	PVC	MAT9150006	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861509	(4G6.0)C	14.5	10	06
	TPE	MAT9050006	(4G6.0)C	16.0	7.5	02
6FX_002-5CA61	PVC	MAT9150007	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861510	(4G10.0)C	18.0	10	06
	TPE	MAT9050007	(4G10.0)C	19.5	7.5	02

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
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Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Power cables						
Basic cable						
6FX_002-5CG01	PVC	MAT9761512	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861542	(4G1.5)C	9.5	10	06
	PUR	MAT9861541	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961512	(4G1.5)C	10.0	7.5	02
Basic cable SpeedTec						
6FX_002-5CG10	PVC	MAT9761540	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861584	(4G1.5)C	9.5	10	06
	PUR	MAT9861583	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961540	(4G1.5)C	10.0	7.5	02
Basic cable						
6FX_002-5CG11	PVC	MAT9761514	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861546	(4G2.5)C	11.5	10	06
	PUR	MAT9861545	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961514	(4G2.5)C	11.5	7.5	02
Basic cable SpeedTec						
6FX_002-5CG12	PVC	MAT9761541	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861586	(4G2.5)C	11.5	10	06
	PUR	MAT9861585	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961541	(4G2.5)C	11.5	7.5	02
Basic cable						
6FX_002-5CG13	PVC	MAT9761520	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861553	(4G10.0)C	18.0	10	06
	TPE	MAT9961520	(4G10.0)C	19.5	7.5	02
6FX_002-5CG21	PVC	MAT9761513	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861544	(4G1.5)C	9.5	10	06
	PUR	MAT9861543	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961513	(4G1.5)C	10.0	7.5	02

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Harnessed drive cables | Siemens

PVC/PUR/TPE

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Power cables						
Basic cable SpeedTec						
6FX_002-5CG22	PVC	MAT9761542	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861588	(4G1.5)C	9.5	10	06
	PUR	MAT9861587	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961542	(4G1.5)C	10.0	7.5	02
Basic cable						
6FX_002-5CG23	PVC	MAT9761521	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861554	(4G16.0)C	22.0	10	06
	TPE	MAT9961521	(4G16.0)C	23.0	7.5	02
	6FX_002-5CG31	PVC	MAT9761516	(4G2.5)C	12.0	7.5
PUR		MAT9861549	(4G2.5)C	11.5	10	06
PUR		MAT9861548	(4G2.5)C	12.5	7.5	07
TPE		MAT9961516	(4G2.5)C	11.5	7.5	02
Basic cable SpeedTec						
6FX_002-5CG32	PVC	MAT9761543	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861590	(4G2.5)C	11.5	10	06
	PUR	MAT9861589	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961543	(4G2.5)C	11.5	7.5	02
Basic cable						
6FX_002-5CG41	PVC	MAT9761517	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861550	(4G4.0)C	12.5	10	06
	TPE	MAT9961517	(4G4.0)C	13.5	7.5	02
Basic cable SpeedTec						
6FX_002-5CG42	PVC	MAT9761544	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861591	(4G4.0)C	12.5	10	06
	TPE	MAT9961544	(4G4.0)C	13.5	7.5	02

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Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	

Siemens Power cables

Basic cable



6FX_002-5CG51	PVC	MAT9761518	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861551	(4G6.0)C	14.5	10	06
	TPE	MAT9961518	(4G6.0)C	16.0	7.5	02

Basic cable SpeedTec



6FX_002-5CG52	PVC	MAT9761545	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861552	(4G6.0)C	14.5	10	06
	TPE	MAT9961545	(4G6.0)C	16.0	7.5	02

Basic cable



6FX_002-5CG61	PVC	MAT9761519	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861552	(4G10.0)C	18.0	10	06
	TPE	MAT9961519	(4G10.0)C	19.5	7.5	02

Basic cable SpeedTec



6FX_002-5CG62	PVC	MAT9761546	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861593	(4G10.0)C	18.0	10	06
	TPE	MAT9961546	(4G10.0)C	19.5	7.5	02

Basic cable



6FX_002-5CK01	PUR	MAT98615112	(4G0.75)C	9.0	7.5	07
	TPE	MAT9961556	(4G0.75)C	8.5	7.5	02

Basic cable



6FX_002-5CL01	PVC	MAT9761563	(4G1.5)C	10.5	7.5	01
	PUR	MAT98615114	(4G1.5)C	9.5	10	06
	PUR	MAT98615115	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961557	(4G1.5)C	10.0	7.5	02

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Harnessed drive cables | Siemens

PVC/PUR/TPE

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	

Siemens Power cables

Basic cable SpeedTec



6FX_002-5CN01	PVC	MAT9761531	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861571	(4G1.5)C	9.5	10	06
	PUR	MAT9861570	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961531	(4G1.5)C	10.0	7.5	02

6FX_002-5CN11

6FX_002-5CN11	PVC	MAT9761532	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861573	(4G2.5)C	11.5	10	06
	PUR	MAT9861572	(4G2.5)C	12.5	7.5	07
TPE	MAT9961532	(4G2.5)C	11.5	7.5	02	

6FX_002-5CN21

6FX_002-5CN21	PVC	MAT9761533	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861575	(4G1.5)C	9.5	10	06
	PUR	MAT9861574	(4G1.5)C	10.5	7.5	07
TPE	MAT9961533	(4G1.5)C	10.0	7.5	02	

6FX_002-5CN31

6FX_002-5CN31	PVC	MAT9761534	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861577	(4G2.5)C	11.5	10	06
	PUR	MAT9861576	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961534	(4G2.5)C	11.5	7.5	02

6FX_002-5CN41

6FX_002-5CN41	PVC	MAT9761535	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861578	(4G4.0)C	12.5	10	06
	TPE	MAT9961535	(4G4.0)C	13.5	7.5	02

6FX_002-5CN51

6FX_002-5CN51	PVC	MAT9761536	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861579	(4G6.0)C	14.5	10	06
	TPE	MAT9961536	(4G6.0)C	16.0	7.5	02

Basic cable SpeedTec



6FX_002-5CN54	PVC	MAT9761537	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861580	(4G6.0)C	14.5	10	06
	TPE	MAT9961537	(4G6.0)C	16.0	7.5	02

Basic cable SpeedTec



6FX_002-5CN61	PVC	MAT9761538	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861581	(4G10.0)C	18.0	10	06
	TPE	MAT9961538	(4G10.0)C	19.5	7.5	02

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Power cables						
Basic cable SpeedTec						
6FX_002-5CN64	PVC	MAT9761539	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861582	(4G10.0)C	18.0	10	06
	TPE	MAT9961539	(4G10.0)C	19.5	7.5	02
Basic cable SpeedTec						
6FX_002-5CQ01	PVC	MAT9761524	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861560	(4G1.5)C	9.5	10	06
	PUR	MAT9861559	(4G1.5)C	10.5	7.5	07
6FX_002-5CQ11	PVC	MAT9761525	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861562	(4G2.5)C	11.5	10	06
	PUR	MAT9861561	(4G2.5)C	12.5	7.5	07
6FX_002-5CQ21	PVC	MAT9761526	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861564	(4G1.5)C	9.5	10	06
	PUR	MAT9861563	(4G1.5)C	10.5	7.5	07
6FX_002-5CQ31	PVC	MAT9761527	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861566	(4G2.5)C	11.5	10	06
	PUR	MAT9861565	(4G2.5)C	12.5	7.5	07
6FX_002-5CQ41	PVC	MAT9761528	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861567	(4G4.0)C	12.5	10	06
	TPE	MAT9961528	(4G4.0)C	13.5	7.5	02
6FX_002-5CQ51	PVC	MAT9761529	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861568	(4G6.0)C	14.5	10	06
	TPE	MAT9961529	(4G6.0)C	16.0	7.5	02
6FX_002-5CQ61	PVC	MAT9761530	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861569	(4G10.0)C	18.0	10	06
	TPE	MAT9961530	(4G10.0)C	19.5	7.5	02
Basic cable						
6FX_002-5CS01	PVC	MAT9150020	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861512	(4G1.5)C	9.5	10	06
	PUR	MAT9861501	(4G1.5)C	10.5	7.5	07
	TPE	MAT9050020	(4G1.5)C	10.0	7.5	02

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Power cables						
Basic cable						
6FX_002-5CS02	PVC	MAT9761501	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861526	(4G1.5)C	9.5	10	06
	PUR	MAT9861525	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961501	(4G1.5)C	10.0	7.5	02
Basic cable						
6FX_002-5CS11	PVC	MAT9761502	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861528	(4G2.5)C	11.5	10	06
	PUR	MAT9861527	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961502	(4G2.5)C	11.5	7.5	02
Basic cable						
6FX_002-5CS12	PVC	MAT9761503	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861530	(4G2.5)C	11.5	10	06
	PUR	MAT9861529	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961503	(4G2.5)C	11.5	7.5	02
Basic cable						
6FX_002-5CS13	PVC	MAT9761504	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861531	(4G10.0)C	18.0	10	06
	TPE	MAT9961504	(4G10.0)C	19.5	7.5	02
6FX_002-5CS21	PVC	MAT9150021	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861513	(4G1.5)C	9.5	10	06
	PUR	MAT9861502	(4G1.5)C	10.5	7.5	07
	TPE	MAT9050021	(4G1.5)C	10.0	7.5	02
Basic cable						
6FX_002-5CS23	PVC	MAT9761515	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861547	(4G16.0)C	22.0	10	06
	TPE	MAT9961515	(4G16.0)C	23.0	7.5	02
6FX_002-5CS24	PVC	New MAT9761570	(4G16.0)C	23.5	7.5	01
	PUR	New MAT98615125	(4G16.0)C	22.0	10	06
	TPE	New MAT9961561	(4G16.0)C	23.0	7.5	02
	TPE	New MAT9961562	(4G16.0)C	22.5	7.5	03

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Power cables

Basic cable



6FX_002-5CS31	PVC	MAT9150022	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861514	(4G2.5)C	11.5	10	06
	PUR	MAT9861503	(4G2.5)C	12.5	7.5	07
	TPE	MAT9050022	(4G2.5)C	11.5	7.5	02
6FX_002-5CS41	PVC	MAT9150023	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861533	(4G4.0)C	12.5	10	06
	TPE	MAT9050023	(4G4.0)C	13.5	7.5	02

Basic cable



6FX_002-5CS42	PVC	MAT9761506	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861534	(4G4.0)C	12.5	10	06
	TPE	MAT9961506	(4G4.0)C	13.5	7.5	02

Basic cable



6FX_002-5CS51	PVC	MAT9150024	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861535	(4G6.0)C	14.5	10	06
	TPE	MAT9050024	(4G6.0)C	16.0	7.5	02

Basic cable



6FX_002-5CS52	PVC	MAT9761507	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861536	(4G6.0)C	14.5	10	06
	TPE	MAT9961507	(4G6.0)C	16.0	7.5	02

Basic cable



6FX_002-5CS54	PVC	MAT9761508	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861537	(4G6.0)C	14.5	10	06
	TPE	MAT9961508	(4G6.0)C	16.0	7.5	02

Basic cable



6FX_002-5CS61	PVC	MAT9761509	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861538	(4G10.0)C	18.0	10	06
	TPE	MAT9961509	(4G10.0)C	19.5	7.5	02

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Power cables

Basic cable



6FX_002-5CS62	PVC	MAT9761510	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861539	(4G10.0)C	18.0	10	06
	TPE	MAT9961510	(4G10.0)C	19.5	7.5	02

Basic cable



6FX_002-5CS64	PVC	MAT9761511	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861540	(4G10.0)C	18.0	10	06
	TPE	MAT9961511	(4G10.0)C	19.5	7.5	02

Extension cable



6FX_002-5CA05	PVC	MAT9151001	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861515	(4G1.5)C	9.5	10	06
	TPE	MAT9051001	(4G1.5)C	10.0	7.5	02
6FX_002-5CA15	PVC	MAT9151002	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861516	(4G2.5)C	11.5	10	06
	TPE	MAT9051002	(4G2.5)C	11.5	7.5	02

Extension cable



6FX_002-5CA28	PVC	MAT9151003	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861517	(4G1.5)C	9.5	10	06
	TPE	MAT9051003	(4G1.5)C	10.0	7.5	02
6FX_002-5CA38	PVC	MAT9151004	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861518	(4G2.5)C	11.5	10	06
	TPE	MAT9051004	(4G2.5)C	11.5	7.5	02
6FX_002-5CA48	PVC	MAT9151005	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861519	(4G4.0)C	12.5	10	06
	TPE	MAT9051005	(4G4.0)C	13.5	7.5	02
6FX_002-5CA58	PVC	MAT9151006	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861520	(4G6.0)C	14.5	10	06
	TPE	MAT9051006	(4G6.0)C	16.0	7.5	02
6FX_002-5CA68	PVC	MAT9151007	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861521	(4G10.0)C	18.0	10	06
	TPE	MAT9051007	(4G10.0)C	19.5	7.5	02

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Power cables						
Extension cable SpeedTec						
6FX_002-5CN05	PVC	MAT9761522	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861556	(4G1.5)C	9.5	10	06
	PUR	MAT9861555	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961522	(4G1.5)C	10.0	7.5	02
6FX_002-5CQ15	PVC	MAT9761523	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861558	(4G2.5)C	11.5	10	06
	PUR	MAT9861557	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961523	(4G2.5)C	11.5	7.5	02
6FX_002-5CQ28	PVC	MAT9761547	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861595	(4G1.5)C	9.5	10	06
	PUR	MAT9861594	(4G1.5)C	10.5	7.5	07
	TPE	MAT9961547	(4G1.5)C	10.0	7.5	02
6FX_002-5CQ38	PVC	MAT9761548	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861597	(4G2.5)C	11.5	10	06
	PUR	MAT9861596	(4G2.5)C	12.5	7.5	07
	TPE	MAT9961548	(4G2.5)C	11.5	7.5	02
6FX_002-5CQ48	PVC	MAT9761549	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861598	(4G4.0)C	12.5	10	06
	TPE	MAT9961549	(4G4.0)C	13.5	7.5	02
6FX_002-5CQ58	PVC	MAT9761550	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861599	(4G6.0)C	14.5	10	06
	TPE	MAT9961550	(4G6.0)C	16.0	7.5	02
6FX_002-5CQ68	PVC	MAT9761551	(4G10.0)C	20.5	7.5	01
	PUR	MAT98615100	(4G10.0)C	18.0	10	06
	TPE	MAT9961551	(4G10.0)C	19.5	7.5	02
Extension cable						
6FX_002-5CX18	PVC	MAT9151009	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861522	(4G10.0)C	18.0	10	06
	TPE	MAT9051009	(4G10.0)C	19.5	7.5	02
6FX_002-5CX28	PVC	MAT9151008	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861523	(4G16.0)C	22.0	10	06
	TPE	MAT9051008	(4G16.0)C	23.0	7.5	02

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Servo cables						
Basic cable						
6FX_002-5DA01	PVC	MAT9751501	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9160001	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851501	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9060001	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DA11	PVC	MAT9751502	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9160002	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851502	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9060002	(4G2.5+(2x1.5)C)C	14.5	7.5	07
Basic cable						
6FX_002-5DA21	PVC	MAT9751503	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9160003	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851503	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9060003	(4G1.5+(2x1.5)C)C	13.0	7.5	07
Basic cable						
6FX_002-5DA23	PVC	MAT9160008	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851508	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9060008	(4G16.0+(2x1.5)C)C	24.5	7.5	07
Basic cable						
6FX_002-5DA31	PVC	MAT9751504	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9160004	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851504	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9060004	(4G2.5+(2x1.5)C)C	14.5	7.5	07
Basic cable						
6FX_002-5DA33	PVC	MAT9160009	(4G25.0+(2x1.5)C)C	30.0	7.5	05
	PUR	MAT9060009	(4G25.0+(2x1.5)C)C	28.5	7.5	07

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable



6FX_002-5DA41	PVC	MAT9751505	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9160005	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851505	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9060005	(4G4.0+(2x1.5)C)C	16.0	7.5	07

Basic cable



6FX_002-5DA43	PVC	MAT9160010	(4G35.0+(2x1.5)C)C	33.5	7.5	05
	PUR	MAT9060010	(4G35.0+(2x1.5)C)C	32.5	7.5	07

Basic cable



6FX_002-5DA51	PVC	MAT9751506	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9160006	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851506	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9060006	(4G6.0+(2x1.5)C)C	18.0	7.5	07
6FX_002-5DA61	PVC	MAT9160007	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851507	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9060007	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Basic cable



6FX_002-5DG01	PVC	MAT9751529	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751528	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851541	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851540	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable SpeedTec



6FX_002-5DG10	PVC	MAT9751589	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751588	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT98515107	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT98515106	(4G1.5+(2x1.5)C)C	13.0	7.5	07

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable



6FX_002-5DG11	PVC	MAT9751533	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751532	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851545	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851544	(4G2.5+(2x1.5)C)C	14.5	7.5	07

Basic cable SpeedTec



6FX_002-5DG12	PVC	MAT9751593	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751592	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT98515111	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT98515110	(4G2.5+(2x1.5)C)C	14.5	7.5	07

Basic cable



6FX_002-5DG13	PVC	MAT9751541	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851555	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851554	(4G10.0+(2x1.5)C)C	21.0	7.5	07
6FX_002-5DG21	PVC	MAT9751531	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751530	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851543	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851542	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable SpeedTec



6FX_002-5DG22	PVC	MAT9751591	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751590	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT98515109	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT98515108	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable



6FX_002-5DG23	PUR	MAT9851557	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9851556	(4G16.0+(2x1.5)C)C	24.5	7.5	07
6FX_002-5DG31	PVC	MAT9751535	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751534	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851547	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851546	(4G2.5+(2x1.5)C)C	14.5	7.5	07

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
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Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501	
				[mm²]	[mm] [x d]		
Siemens Servo cables							
Basic cable SpeedTec							
6FX_002-5DG32	PVC	MAT9751595	(4G2.5+(2x1.5)C)C	14.0	10	04	
	PVC	MAT9751594	(4G2.5+(2x1.5)C)C	14.5	7.5	05	
	PUR	MAT98515113	(4G2.5+(2x1.5)C)C	14.0	10	06	
	PUR	MAT98515112	(4G2.5+(2x1.5)C)C	14.5	7.5	07	
Basic cable							
6FX_002-5DG33	PUR	MAT9851558	(4G25.0+(2x1.5)C)C	28.5	7.5	07	
6FX_002-5DG41	PVC	MAT9751537	(4G4.0+(2x1.5)C)C	15.0	10	04	
	PVC	MAT9751536	(4G4.0+(2x1.5)C)C	16.0	7.5	05	
	PUR	MAT9851549	(4G4.0+(2x1.5)C)C	15.0	10	06	
	PUR	MAT9851548	(4G4.0+(2x1.5)C)C	16.0	7.5	07	
Basic cable SpeedTec							
6FX_002-5DG42	PVC	MAT9751597	(4G4.0+(2x1.5)C)C	15.0	10	04	
	PVC	MAT9751596	(4G4.0+(2x1.5)C)C	16.0	7.5	05	
	PUR	MAT98515115	(4G4.0+(2x1.5)C)C	15.0	10	06	
	PUR	MAT98515114	(4G4.0+(2x1.5)C)C	16.0	7.5	07	
Basic cable							
6FX_002-5DG43	PUR	MAT9851559	(4G35.0+(2x1.5)C)C	32.5	7.5	07	
	PVC	MAT9751539	(4G6.0+(2x1.5)C)C	16.5	10	04	
	PVC	MAT9751538	(4G6.0+(2x1.5)C)C	18.0	7.5	05	
	PUR	MAT9851551	(4G6.0+(2x1.5)C)C	16.5	10	06	
6FX_002-5DG51	PUR	MAT9851550	(4G6.0+(2x1.5)C)C	18.0	7.5	07	
	Basic cable SpeedTec						
	6FX_002-5DG52	PVC	MAT9751599	(4G6.0+(2x1.5)C)C	16.5	10	04
		PVC	MAT9751598	(4G6.0+(2x1.5)C)C	18.0	7.5	05
PUR		MAT98515117	(4G6.0+(2x1.5)C)C	16.5	10	06	
PUR		MAT98515116	(4G6.0+(2x1.5)C)C	18.0	7.5	07	

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius		Cable page 498-501
				[mm²]	[mm] [x d]	
Siemens Servo cables						
Basic cable						
6FX_002-5DG61	PVC	MAT9751540	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851553	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851552	(4G10.0+(2x1.5)C)C	21.0	7.5	07
	Basic cable SpeedTec					
6FX_002-5DG62	PVC	MAT97515100	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT98515119	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT98515118	(4G10.0+(2x1.5)C)C	21.0	7.5	07
Basic cable SpeedTec						
6FX_002-5DN01	PVC	MAT9751571	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751570	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851589	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851588	(4G1.5+(2x1.5)C)C	13.0	7.5	07
Basic cable						
6FX_002-5DN06	PVC	MAT97515103	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT97515102	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT98515122	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT98515123	(4G1.5+(2x1.5)C)C	13.0	7.5	07
Basic cable SpeedTec						
6FX_002-5DN11	PVC	MAT9751573	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751572	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851591	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851590	(4G2.5+(2x1.5)C)C	14.5	7.5	07
Basic cable						
6FX_002-5DN16	PVC	MAT97515108	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT97515109	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT98515129	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT98515128	(4G2.5+(2x1.5)C)C	14.5	7.5	07

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable SpeedTec



6FX_002-5DN21	PVC	MAT9751575	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751574	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851593	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851592	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable



6FX_002-5DN26	PVC	New MAT97515125	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	New MAT97515126	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	New MAT98515145	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	New MAT98515146	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DN30	PVC	MAT9761566	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT98615117	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9761565	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT98615116	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable SpeedTec



6FX_002-5DN31	PVC	MAT9751577	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751576	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851595	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851594	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DN41	PVC	MAT9751579	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751578	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851597	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851596	(4G4.0+(2x1.5)C)C	16.0	7.5	07

Basic cable



6FX_002-5DN46	PVC	MAT97515113	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT97515114	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT98515133	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT98515134	(4G4.0+(2x1.5)C)C	16.0	7.5	07

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable SpeedTec



6FX_002-5DN51	PVC	MAT9751581	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751580	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851599	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9851598	(4G6.0+(2x1.5)C)C	18.0	7.5	07

Basic cable SpeedTec



6FX_002-5DN54	PVC	MAT9751583	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751582	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT98515101	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT98515100	(4G6.0+(2x1.5)C)C	18.0	7.5	07

Basic cable



6FX_002-5DN56	PVC	New MAT97515119	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	New MAT97515120	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	New MAT98515139	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	New MAT98515140	(4G6.0+(2x1.5)C)C	18.0	7.5	07

Basic cable SpeedTec



6FX_002-5DN61	PVC	MAT9751584	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT98515103	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT98515102	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Basic cable SpeedTec



6FX_002-5DN64	PVC	MAT9751586	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT98515105	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT98515104	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Basic cable SpeedTec



6FX_002-5DQ01	PVC	MAT9751557	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751556	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851575	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851574	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable SpeedTec



6FX_002-5DQ11	PVC	MAT9751559	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751558	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851577	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851576	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DQ21	PVC	MAT9751561	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751560	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851579	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851578	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DQ31	PVC	MAT9751563	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751562	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851581	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851580	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DQ41	PVC	MAT9751565	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751564	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851583	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851582	(4G4.0+(2x1.5)C)C	16.0	7.5	07
6FX_002-5DQ51	PVC	MAT9751567	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751566	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851585	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9851584	(4G6.0+(2x1.5)C)C	18.0	7.5	07
6FX_002-5DQ61	PVC	MAT9751568	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851587	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851586	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Basic cable



6FX_002-5DS01	PVC	MAT9751507	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9160020	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851509	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9060020	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable



6FX_002-5DS06	PVC	MAT97515105	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT97515104	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT98515124	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT98515125	(4G1.5+(2x1.5)C)C	13.0	7.5	07

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Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable



6FX_002-5DS11	PVC	MAT9751516	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751515	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851523	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851522	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DS13	PVC	MAT9751517	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851525	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851524	(4G10.0+(2x1.5)C)C	21.0	7.5	07
6FX_002-5DS21	PVC	MAT9751508	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9160021	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851510	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9060021	(4G1.5+(2x1.5)C)C	13.0	7.5	07

Basic cable



6FX_002-5DS23	PUR	MAT9851527	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9851526	(4G16.0+(2x1.5)C)C	24.5	7.5	07
6FX_002-5DS33	PUR	MAT9851532	(4G25.0+(2x1.5)C)C	28.5	7.5	07

Basic cable



6FX_002-5DS36	PVC	MAT97515107	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT97515106	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT98515127	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT98515126	(4G2.5+(2x1.5)C)C	14.5	7.5	07

Basic cable



6FX_002-5DS41	PVC	MAT9751522	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751521	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851531	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851530	(4G4.0+(2x1.5)C)C	16.0	7.5	07

Basic cable



6FX_002-5DS43	PUR	MAT9851533	(4G35.0+(2x1.5)C)C	32.5	7.5	07
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Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Basic cable



6FX_002-5DS51	PVC	MAT9751524	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751523	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851535	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9851534	(4G6.0+(2x1.5)C)C	18.0	7.5	07

Basic cable



6FX_002-5DS54	PVC	MAT9751526	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751525	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851536	(4G6.0+(2x1.5)C)C	18.0	7.5	07
		MAT9851537				

Basic cable



6FX_002-5DS61	PVC	MAT9160022	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851511	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9060022	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Basic cable



6FX_002-5DS64	PVC	MAT9751527	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851539	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851538	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Extension cable



6FX_002-5DA05	PVC	MAT9751509	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9161001	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851512	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9061001	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DA15	PVC	MAT9751510	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9161002	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851513	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9061002	(4G2.5+(2x1.5)C)C	14.5	7.5	07

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Harnessed drive cables | Siemens

PVC/PUR

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø	Minimum bend radius	Cable page 498-501
			[mm²]	[mm]	[x d]	

Siemens Servo cables

Extension cable



6FX_002-5DA28	PVC	MAT9751511	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9161003	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851514	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9061003	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DA38	PVC	MAT9751512	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9161004	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851515	(4G2.5+(2x1.5)C)C	14.0	10	06
6FX_002-5DA48	PUR	MAT9061004	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	PVC	MAT9751513	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9161005	(4G4.0+(2x1.5)C)C	16.0	7.5	05
6FX_002-5DA58	PUR	MAT9851516	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9061005	(4G4.0+(2x1.5)C)C	16.0	7.5	07
	PVC	MAT9751514	(4G6.0+(2x1.5)C)C	16.5	10	04
6FX_002-5DA68	PVC	MAT9161006	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851517	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9061006	(4G6.0+(2x1.5)C)C	18.0	7.5	07
6FX_002-5DA68	PVC	MAT9161007	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851518	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9061007	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Extension cable SpeedTec



6FX_002-5DN05	PVC	MAT9751544	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751543	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851561	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851560	(4G1.5+(2x1.5)C)C	13.0	7.5	07
6FX_002-5DN15	PVC	MAT9751546	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751545	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851563	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851562	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DQ15	PVC	New MAT97515122	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	New MAT97515123	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	New MAT98515142	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	New MAT98515143	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DQ28	PVC	MAT9751548	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9751547	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851565	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9851564	(4G1.5+(2x1.5)C)C	13.0	7.5	07

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø		Cable page 498-501
				Minimum bend radius		
			[mm²]	[mm]	[x d]	
Siemens Servo cables						
Extension cable SpeedTec						
6FX_002-5DQ38	PVC	MAT9751550	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751549	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851567	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851566	(4G2.5+(2x1.5)C)C	14.5	7.5	07
6FX_002-5DQ48	PVC	MAT9751552	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751551	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851569	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851568	(4G4.0+(2x1.5)C)C	16.0	7.5	07
6FX_002-5DQ58	PVC	MAT9751554	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751553	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851571	(4G6.0+(2x1.5)C)C	16.5	10	06
	PUR	MAT9851570	(4G6.0+(2x1.5)C)C	18.0	7.5	07
6FX_002-5DQ68	PVC	MAT9751555	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851573	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851572	(4G10.0+(2x1.5)C)C	21.0	7.5	07

Extension cable



6FX_002-5DX18	PVC	MAT9161011	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851520	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9061011	(4G10.0+(2x1.5)C)C	21.0	7.5	07
6FX_002-5DX28	PVC	MAT9161008	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851519	(4G16.0+(2x1.5)C)C	24.0	10	06
	PUR	MAT9061008	(4G16.0+(2x1.5)C)C	24.5	7.5	07
6FX_002-5DX38	PVC	MAT9161009	(4G25.0+(2x1.5)C)C	30.0	7.5	05
	PUR	MAT9061009	(4G25.0+(2x1.5)C)C	28.5	7.5	07
6FX_002-5DX48	PVC	MAT9161010	(4G35.0+(2x1.5)C)C	33.5	7.5	05
	PUR	MAT9061010	(4G35.0+(2x1.5)C)C	32.5	7.5	07

Siemens Signal cables

Basic cable



6FX8002-2CF20	PVC	MAT9741518	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	9.0	10	08
	PUR	MAT9841563	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	9.0	10	09
	PUR	MAT9841564	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	10.5	7.5	10
	TPE	MAT9941505	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	10.5	7.5	11

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Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø		Cable page 498-501
				Minimum bend radius		
			[mm²]	[mm]	[x d]	
Siemens Signal cables						
Basic cable						
6FX8002-2CQ31	PVC	MAT9741514	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	10.0	10	08
	PUR	MAT9841557	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	10.0	10	09
	PUR	MAT9841558	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	11.0	7.5	10
	TPE	MAT9941503	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C)	11.0	7.5	11
Basic cable						
6FX8002-2DC40	PVC	MAT9741520	(2x(2x0.15)+(2x0.38)C)	7.5	10	08
	PUR	MAT9841566	(2x(2x0.15)+(2x0.38)C)	7.5	10	09
	PUR	MAT9841567	(2x(2x0.20)+(2x0.38)C)	7.5	7.5	10
Basic cable						
6FX8002-2DC42	PVC	MAT9741522	(2x(2x0.15)+(2x0.38)C)	7.5	10	08
	PUR	MAT9841569	(2x(2x0.15)+(2x0.38)C)	7.5	10	09
	PUR	MAT9841570	(2x(2x0.20)+(2x0.38)C)	7.5	7.5	10

Basic cable



6FX_002-1DC00	PVC	MAT9741506	(2x(2x0.15)+(2x0.38)C)	7.5	10	08
	PUR	MAT9841532	(2x(2x0.15)+(2x0.38)C)	7.5	10	09
	PUR	MAT9070032	(2x(2x0.20)+(2x0.38)C)	7.5	7.5	10

Basic cable



6FX_002-2AD00	PVC	MAT9170001	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	9.0	10	08
	PUR	MAT9841501	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	10.5	7.5	10
	TPE	MAT9070001	(3x(2x0.14)C+(4x0.14)+(2x0.5)C)	10.5	7.5	11

Basic cable



6FX_002-2AH00	PVC	MAT9170018	(4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841518	(4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070018	(4x(2x0.34)+4x0.5)C	10.5	7.5	11

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G = with green-yellow earth core x = without earth core

Harnessed drive cables | Siemens

PVC/PUR/TPE

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø Minimum bend radius [mm]	x d	Cable page 498-501
Siemens Signal cables						
Basic cable						
6FX_002-2AH11	PVC	New MAT9741526	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	New MAT98415104	4x(2x0.34)+4x0.5)C	9.0	10	09
	PUR	New MAT98415105	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	New MAT9941507	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2CA11	PVC	MAT9170002	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841502	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070002	4x(2x0.34)+4x0.5)C	10.5	7.5	11
6FX_002-2CA15	PVC	MAT9170003	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841503	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9070003	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
	Basic cable					
6FX_002-2CA31	PVC	MAT9170004	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841504	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9070004	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11
Basic cable						
6FX_002-2CA51	PVC	MAT9170005	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841505	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9070005	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
6FX_002-2CA71	PVC	MAT9170006	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841506	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070006	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2CB31	PUR	MAT9841507	(14x0.25)C	8.5	10	13
	TPE	MAT9070007	(12x0.25)C	9.5	5	24
6FX_002-2CB51	PVC	MAT9170008	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841508	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070008	4x(2x0.34)+4x0.5)C	10.5	7.5	11
	Basic cable					

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Harnessed drive cables | Siemens

PVC/PUR/TPE

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø Minimum bend radius [mm]	x d	Cable page 498-501
Siemens Signal cables						
Basic cable						
6FX_002-2CC11	PVC	MAT9170009	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841509	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070009	4x(2x0.34)+4x0.5)C	10.5	7.5	11
6FX_002-2CD01	PVC	MAT9170010	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841510	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070010	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2CF01	PVC	MAT9170021	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841519	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9070021	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
6FX_002-2CF02	PVC	MAT9170011	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841511	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9070011	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
6FX_002-2CG00	PVC	MAT9170012	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841512	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9070012	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2CH00	PVC	MAT9170013	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841513	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9070013	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2CK00	PVC	MAT9170014	3x(2x0.14)C+2x(0.5)C	9.5	10	08
	PUR	MAT9841514	3x(2x0.14)C+2x(0.5)C	10.5	7.5	10
	TPE	MAT9070014	3x(2x0.14)C+2x(0.5)C	10.0	7.5	11
6FX_002-2CL00	PVC	MAT9170015	3x(2x0.14)C+2x(0.5)C	9.5	10	08
	PUR	MAT9841515	3x(2x0.14)C+2x(0.5)C	10.5	7.5	10
	TPE	MAT9070015	3x(2x0.14)C+2x(0.5)C	10.0	7.5	11

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Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	Minimum bend radius [x d]	Cable page 498-501
Siemens Signal cables						
Basic cable						
6FX_002-2CR00	PVC	New MAT9741524	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	New MAT98415101	4x(2x0.34)+4x0.5)C	9.0	10	09
	PUR	New MAT98415102	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	New MAT9941506	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Basic cable						
6FX_002-2DC10	PVC	MAT9741504	2x(2x0.15)+(2x0.38))C	7.5	10	08
	PUR	MAT9841530	2x(2x0.15)+(2x0.38))C	7.5	10	09
	PUR	MAT9070030	2x(2x0.20)+(2x0.38))C	7.5	7.5	10
6FX_002-2DC20	PVC	MAT9741505	2x(2x0.15)+(2x0.38))C	7.5	10	08
	PUR	MAT9841531	2x(2x0.15)+(2x0.38))C	7.5	10	09
	PUR	MAT9070031	2x(2x0.20)+(2x0.38))C	7.5	7.5	10
Basic cable						
6FX_002-2DC36	PVC	New MAT9741528	2x(2x0.15)+(2x0.38))C	7.5	10	08
	PUR	New MAT98415107	2x(2x0.15)+(2x0.38))C	7.5	10	09
	PUR	New MAT98415108	2x(2x0.20)+(2x0.38))C	7.5	7.5	10
Basic cable						
6FX_002-2EQ00	PVC	MAT9170016	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841516	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9070016	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11
Basic cable						
6FX_002-2EQ10	PVC	MAT9170017	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841517	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9070017	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11
Basic cable						
6FX_002-2EQ31	PVC	MAT9741512	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841554	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	09
	PUR	MAT9841555	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9941502	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11

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* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Ø [mm]	Minimum bend radius [x d]	Cable page 498-501
Siemens Signal cables						
Basic cable						
6fx3002-2CT10	PVC	MAT9741507	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841548	4x(2x0.34)+4x0.5)C	9.0	10	09
	PUR	MAT9841549	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9941501	4x(2x0.34)+4x0.5)C	10.5	7.5	11
Extension cable						
6FX8002-2CQ34	PVC	MAT9741516	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841560	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	09
	PUR	MAT9841561	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9941504	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11
Extension cable						
6FX_002-2AD04	PVC	MAT9171001	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841520	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9071001	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
6FX_002-2AH04	PVC	MAT9171018	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841529	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9071018	4x(2x0.34)+4x0.5)C	10.5	7.5	11
6FX_002-2CA34	PVC	MAT9171004	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	10.0	10	08
	PUR	MAT9841523	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	10
	TPE	MAT9071004	3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5)C	11.0	7.5	11
6FX_002-2CA54	PVC	MAT9171003	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841522	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9071003	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11
6FX_002-2CB34	PUR	MAT9841525	(14x0.25)C	8.5	10	13
	TPE	MAT9071007	(12x0.25)C	9.5	5	24
	Basic cable					
6FX_002-2CB54	PVC	MAT9171002	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841521	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9071002	4x(2x0.34)+4x0.5)C	10.5	7.5	11
6FX_002-2CC14	PVC	MAT9171009	4x(2x0.34)+4x0.5)C	9.0	10	08
	PUR	MAT9841526	4x(2x0.34)+4x0.5)C	10.5	7.5	10
	TPE	MAT9071009	4x(2x0.34)+4x0.5)C	10.5	7.5	11
6FX_002-2CF04	PVC	MAT9171011	3x(2x0.14)C+(4x0.14)+(2x0.5)C	9.0	10	08
	PUR	MAT9841527	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	10
	TPE	MAT9071011	3x(2x0.14)C+(4x0.14)+(2x0.5)C	10.5	7.5	11

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image igus® will gladly pre-harness cables to your specifications.
G = with green-yellow earth core x = without earth core

* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius	Cable page 498-501
			[mm ²]	[mm] [x d]	

Siemens Signal cables

Extension cable



6FX_002-2DC34	PVC	MAT9741509	(2x(2x0.15)+(2x0.38))C	7.5	10	08
	PUR	MAT9841551	(2x(2x0.15)+(2x0.38))C	7.5	10	09
	PUR	MAT9841571	(2x(2x0.20)+(2x0.38))C	7.5	7.5	10

Extension cable



6FX_002-2EQ14	PVC	MAT9171017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10	08
	PUR	MAT9841528	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5	10
	TPE	MAT9071017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5	11

Siemens Signal cables DriveCliq

Basic cable



i6FX8002-2DC30-1AD0(3m)	PUR	MAT9841534	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1AF0(5m)	PUR	MAT9841535	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1BA0(10m)	PUR	MAT9841536	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1BF0(15m)	PUR	MAT9841537	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1CA0(20m)	PUR	MAT9841538	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1CF0(25m)	PUR	MAT9841539	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC30-1DA0(30m)	PUR	MAT9841540	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10

Extension cable



i6FX8002-2DC34-1AD0(3m)	PUR	MAT9841541	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1AF0(5m)	PUR	MAT9841542	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1BA0(10m)	PUR	MAT9841543	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1BF0(15m)	PUR	MAT9841544	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1CA0(20m)	PUR	MAT9841545	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1CF0(25m)	PUR	MAT9841546	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10
i6FX8002-2DC34-1DA0(30m)	PUR	MAT9841547	¹⁾ (2x(2x0.20)+(2x0.38))C	7.5	7.5	10

¹⁾ Prices per piece for the mentioned fixed lengths. Special lengths available upon request!

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* Technical information on the cable quality ► page 498-501

Manufacturer Part No.	Cable quality	igus® Part No.	Number of cores and conductor nominal cross section	Ø Minimum bend radius	Cable page 498-501
			[mm ²]	[mm] [x d]	

Stöber Servo cables

Basic cable



Size 1-Motor-1,0mm ²	PVC	MAT9751601	(4G1.5+2x(2x0.75)C)C	13.5	10	04
	PVC	MAT9430001	(4G1.0+2x(2x0.75)C)C	13.5	7.5	05
	PUR	MAT9851601	(4G1.0+2x(2x0.75)C)C	13.0	10	06
	PUR	MAT9420001	(4G1.0+2x(2x0.75)C)C	13.5	7.5	07
Size 1-Motor-1,5mm ²	PVC	MAT9751602	(4G1.5+2x(2x0.75)C)C	13.5	10	04
	PVC	MAT9430002	(4G1.5+2x(2x0.75)C)C	14.5	7.5	05
	PUR	MAT9851602	(4G1.5+2x(2x0.75)C)C	13.5	10	06
	PUR	MAT9420002	(4G1.5+2x(2x0.75)C)C	14.0	7.5	07
Size 1-Motor-2,5mm ²	PVC	MAT9751603	(4G2.5+2x(2x1.5)C)C	16.0	10	04
	PVC	MAT9430003	(4G2.5+2x(2x1.5)C)C	17.0	7.5	05
	PUR	MAT9851603	(4G2.5+2x(2x1.5)C)C	16.0	10	06
	PUR	MAT9420003	(4G2.5+2x(2x1.5)C)C	17.0	7.5	07
Size 1-Motor-4,0mm ²	PVC	MAT9751604	(4G4.0+2x(2x1.5)C)C	17.0	10	04
	PVC	MAT9430004	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851604	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9420004	(4G4.0+2x(2x1.5)C)C	18.0	7.5	07

Basic cable



Size 1,5-Motor-4,0mm ²	PVC	MAT9751605	(4G4.0+2x(2x1.5)C)C	17.0	10	04
	PVC	MAT9430005	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851605	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9420005	(4G4.0+2x(2x1.5)C)C	18.0	7.5	07
Size 1,5-Motor-6,0mm ²	PVC	MAT9751606	(4G6.0+2x(2x1.5)C)C	18.5	10	04
	PVC	MAT9430006	(4G6.0+2x(2x1.5)C)C	21.5	7.5	05
	PUR	MAT9851606	(4G6.0+2x(2x1.5)C)C	18.5	10	06
	PUR	MAT9420006	(4G6.0+2x(2x1.5)C)C	20.0	7.5	07
Size 1,5-Motor-10,0mm ²	PVC	MAT9430007	(4G10.0+2x(2x1.5)C)C	24.0	7.5	05
	PUR	MAT9851607	(4G10.0+2x(2x1.5)C)C	22.5	10	06
	PUR	MAT9420007	(4G10.0+2x(2x1.5)C)C	23.5	7.5	07

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