

... 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 | SEW

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]	
SEW Motor cables						
Connection cable (Amphenol)						
0199 1809	PVC	MAT9410006	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861401	(4G1.5)C	9.5	10	06
	TPE	MAT9400006	(4G1.5)C	10.0	7.5	02
0199 1825	PVC	MAT9410007	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861402	(4G2.5)C	11.5	10	06
	TPE	MAT9400007	(4G2.5)C	11.5	7.5	02
0199 1841	PVC	MAT9410008	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861403	(4G4.0)C	12.5	10	06
	TPE	MAT9400008	(4G4.0)C	13.5	7.5	02
0199 1868	PVC	MAT9410009	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861404	(4G6.0)C	14.5	10	06
	TPE	MAT9400009	(4G6.0)C	16.0	7.5	02
0199 1884	PVC	MAT9410010	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861405	(4G10.0)C	18.0	10	06
	TPE	MAT9400010	(4G10.0)C	19.5	7.5	02

Connection cable



0590 4773	PVC	MAT9410012	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861406	(4G1.5)C	9.5	10	06
	TPE	MAT9400012	(4G1.5)C	10.0	7.5	02
0590 4803	PVC	MAT9761415	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861415	(4G4.0)C	12.5	10	06
	TPE	MAT9961415	(4G4.0)C	13.5	7.5	02
0590 6245	PVC	MAT9761413	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861413	(4G1.5)C	9.5	10	06
	TPE	MAT9961413	(4G1.5)C	10.0	7.5	02
0590 6253	PVC	MAT9761414	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861414	(4G2.5)C	11.5	10	06
	TPE	MAT9961414	(4G2.5)C	11.5	7.5	02

Connection cable



1335 0293	PVC	MAT9761416	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861416	(4G6.0)C	14.5	10	06
	TPE	MAT9961416	(4G6.0)C	16.0	7.5	02
1335 0307	PVC	MAT9761417	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861417	(4G10.0)C	18.0	10	06
	TPE	MAT9961417	(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 | SEW

PVC/PUR/TPE

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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]	
SEW Motor cables						
Connection cable						
1335 0315	PVC	MAT9761418	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861418	(4G16.0)C	22.0	10	06
	TPE	MAT9961418	(4G16.0)C	23.0	7.5	02
Extension cable (Amphenol)						
0199 5502	PVC	MAT9411006	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861407	(4G1.5)C	9.5	10	06
	TPE	MAT9401006	(4G1.5)C	10.0	7.5	02
0199 5529	PVC	MAT9411007	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861408	(4G2.5)C	11.5	10	06
	TPE	MAT9401007	(4G2.5)C	11.5	7.5	02
0199 5545	PVC	MAT9411008	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861409	(4G4.0)C	12.5	10	06
	TPE	MAT9401008	(4G4.0)C	13.5	7.5	02
0199 5561	PVC	MAT9411009	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861410	(4G6.0)C	14.5	10	06
	TPE	MAT9401009	(4G6.0)C	16.0	7.5	02
0199 5588	PVC	MAT9411010	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861411	(4G10.0)C	18.0	10	06
	TPE	MAT9401010	(4G10.0)C	19.5	7.5	02

Extension cable



0199 5588	PVC	MAT9411010	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861411	(4G10.0)C	18.0	10	06
	TPE	MAT9401010	(4G10.0)C	19.5	7.5	02

Extension cable



0590 3610	PVC	MAT9411012	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861412	(4G1.5)C	9.5	10	06
	TPE	MAT9401012	(4G1.5)C	10.0	7.5	02

Extension cable



1333 2457	PVC	MAT9761419	(4G1.5)C	10.5	7.5	01
	PUR	MAT9861419	(4G1.5)C	9.5	10	06
	TPE	MAT9961419	(4G1.5)C	10.0	7.5	02
1333 2465	PVC	MAT9761420	(4G2.5)C	12.0	7.5	01
	PUR	MAT9861420	(4G2.5)C	11.5	10	06
	TPE	MAT9961420	(4G2.5)C	11.5	7.5	02

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Harnessed drive cables | SEW

PVC/PUR/TPE

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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]	
SEW Motor cables						
Extension cable						
1333 2473	PVC	MAT9761421	(4G4.0)C	13.5	7.5	01
	PUR	MAT9861421	(4G4.0)C	12.5	10	06
	TPE	MAT9961421	(4G4.0)C	13.5	7.5	02
1335 0021	PVC	MAT9761422	(4G6.0)C	16.0	7.5	01
	PUR	MAT9861422	(4G6.0)C	14.5	10	06
	TPE	MAT9961422	(4G6.0)C	16.0	7.5	02
1335 0048	PVC	MAT9761423	(4G10.0)C	20.5	7.5	01
	PUR	MAT9861423	(4G10.0)C	18.0	10	06
	TPE	MAT9961423	(4G10.0)C	19.5	7.5	02
1335 0056	PVC	MAT9761424	(4G16.0)C	23.5	7.5	01
	PUR	MAT9861424	(4G16.0)C	22.0	10	06
	TPE	MAT9961424	(4G16.0)C	23.0	7.5	02

SEW Servo cables

Connection cable (Amphenol)

0199 1906	PVC	MAT9751401	(4G1.5+2x(2x0.75)C)C	13.5	10	04
	PVC	MAT9410001	(4G1.5+2x(2x0.75)C)C	14.5	7.5	05
	PUR	MAT9851401	(4G1.5+2x(2x0.75)C)C	13.5	10	06
	PUR	MAT9400001	(4G1.5+2x(2x0.75)C)C	14.0	7.5	07
0199 1922	PVC	MAT9751402	(4G2.5+2x(2x1.5)C)C	16.0	10	04
	PVC	MAT9410002	(4G2.5+2x(2x1.5)C)C	17.0	7.5	05
	PUR	MAT9851402	(4G2.5+2x(2x1.5)C)C	16.0	10	06
	PUR	MAT9400002	(4G2.5+2x(2x1.5)C)C	17.0	7.5	07
0199 1949	PVC	MAT9751403	(4G4.0+2x(2x1.5)C)C	17.0	10	04
	PVC	MAT9410003	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851403	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9400003	(4G4.0+2x(2x1.5)C)C	18.0	7.5	07
0199 1965	PVC	MAT9751404	(4G6.0+2x(2x1.5)C)C	18.5	10	04
	PVC	MAT9410004	(4G6.0+2x(2x1.5)C)C	21.5	7.5	05
	PUR	MAT9851404	(4G6.0+2x(2x1.5)C)C	18.5	10	06
	PUR	MAT9400004	(4G6.0+2x(2x1.5)C)C	20.0	7.5	07
0199 1981	PVC	MAT9410005	(4G10.0+2x(2x1.5)C)C	24.0	7.5	05
	PUR	MAT9851405	(4G10.0+2x(2x1.5)C)C	22.5	10	06
	PUR	MAT9400005	(4G10.0+2x(2x1.5)C)C	23.5	7.5	07

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Harnessed drive cables | SEW

PVC/PUR/TPE

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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]	
SEW Servo cables						
Connection cable						
1332 4861	PVC	MAT9751405	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9410011	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851406	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9400011	(4G1.5+(2x1.5)C)C	13.0	7.5	07
Connection cable						
1333 1221	PVC	New MAT9751473	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	New MAT9751474	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	New MAT9851473	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	New MAT9851474	(4G1.5+(2x1.5)C)C	13.0	7.5	07
1333 2155	TPE	New MAT9951473	(4G1.5+(2x1.5)C)C	13.0	6.8	32
	PVC	New MAT9751471	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	New MAT9751472	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	New MAT9851471	(4G2.5+(2x1.5)C)C	14.0	10	06
1333 2155	PUR	New MAT9851472	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	TPE	New MAT9951471	(4G2.5+(2x1.5)C)C	14.0	6.8	32

Connection cable

1335 0153	PVC	MAT9751422	(4G6.0+2x(2x1.5)C)C	18.5	10	04
	PVC	MAT9751440	(4G6.0+2x(2x1.5)C)C	21.5	7.5	05
	PUR	MAT9851422	(4G6.0+2x(2x1.5)C)C	18.5	10	06
	PUR	MAT9851440	(4G6.0+2x(2x1.5)C)C	20.0	7.5	07
1335 0161	PVC	MAT9751441	(4G10.0+2x(2x1.5)C)C	24.0	7.5	05
	PUR	MAT9851423	(4G10.0+2x(2x1.5)C)C	22.5	10	06
	PUR	MAT9851441	(4G10.0+2x(2x1.5)C)C	23.5	7.5	07
1335 0188	PVC	MAT9751442	(4G16.0+2x(2x1.5)C)C	27.5	7.5	05
	PUR	MAT9851424	(4G16.0+2x(2x1.5)C)C	26.0	10	06
1335 0188	PUR	MAT9851442	(4G16.0+2x(2x1.5)C)C	26.5	7.5	07
	PUR	MAT9851442	(4G16.0+2x(2x1.5)C)C	26.5	7.5	07
1335 0234	PVC	MAT9751416	(4G6.0+(2x1.5)C)C	16.5	10	04
	PVC	MAT9751434	(4G6.0+(2x1.5)C)C	18.0	7.5	05
	PUR	MAT9851416	(4G6.0+(2x1.5)C)C	16.5	10	06
1335 0242	PUR	MAT9851434	(4G6.0+(2x1.5)C)C	18.0	7.5	07
	PVC	MAT9751435	(4G10.0+(2x1.5)C)C	22.5	7.5	05
	PUR	MAT9851417	(4G10.0+(2x1.5)C)C	20.5	10	06
	PUR	MAT9851435	(4G10.0+(2x1.5)C)C	21.0	7.5	07

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Harnessed drive cables | SEW

PVC/PUR

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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]	
SEW Servo cables						
Connection cable						
1335 0250	PVC	MAT9751436	(4G16.0+(2x1.5)C)C	25.0	7.5	05
	PUR	MAT9851418	(4G16.0+2x(2x1.5)C)C	26.0	10	06
	PUR	MAT9851436	(4G16.0+(2x1.5)C)C	24.5	7.5	07
1335 4302	PUR	MAT9851419	(4G1.5+(3x1.0)C)C	14.0	10	06
1335 4310	PVC	MAT9751420	(4G2.5+2x(2x1.5)C)C	16.0	10	04
	PVC	MAT9751438	(4G2.5+2x(2x1.5)C)C	17.0	7.5	05
	PUR	MAT9851420	(4G2.5+2x(2x1.5)C)C	16.0	10	06
	PUR	MAT9851438	(4G2.5+2x(2x1.5)C)C	17.0	7.5	07
1335 4329	PVC	MAT9751421	(4G4.0+2x(2x1.5)C)C	17.0	10	04
	PVC	MAT9751439	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851421	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9851439	(4G4.0+2x(2x1.5)C)C	18.0	7.5	07
1335 4388	PUR	MAT9851413	(4G1.5+(3x1.0)C)C	14.0	10	06
1335 4396	PVC	MAT9751414	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	MAT9751432	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	MAT9851414	(4G2.5+(2x1.5)C)C	14.0	10	06
	PUR	MAT9851432	(4G2.5+(2x1.5)C)C	14.5	7.5	07
1342 1603	PVC	MAT9751415	(4G4.0+(2x1.5)C)C	15.0	10	04
	PVC	MAT9751433	(4G4.0+(2x1.5)C)C	16.0	7.5	05
	PUR	MAT9851415	(4G4.0+(2x1.5)C)C	15.0	10	06
	PUR	MAT9851433	(4G4.0+(2x1.5)C)C	16.0	7.5	07

Extension cable (Amphenol)



0199 2007	PVC	MAT9751406	(4G1.5+2x(2x0.75)C)C	13.5	10	04
	PVC	MAT9411001	(4G1.5+2x(2x0.75)C)C	14.5	7.5	05
	PUR	MAT9851407	(4G1.5+2x(2x0.75)C)C	13.5	10	06
	PUR	MAT9401001	(4G1.5+2x(2x0.75)C)C	14.0	7.5	07
0199 2023	PVC	MAT9751407	(4G2.5+2x(2x1.5)C)C	16.0	10	04
	PVC	MAT9411002	(4G2.5+2x(2x1.5)C)C	17.0	7.5	05
	PUR	MAT9851408	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9401002	(4G2.5+2x(2x1.5)C)C	17.0	7.5	07
0199 204X	PVC	MAT9751408	(4G4.0+2x(2x1.5)C)C	17.0	10	04
	PVC	MAT9411003	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851409	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9401003	(4G4.0+2x(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 | SEW

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]	
SEW Servo cables						
Extension cable (Amphenol)						
0199 2066	PVC	MAT9751409	(4G6.0+2x(2x1.5)C)C	18.5	10	04
	PVC	MAT9411004	(4G6.0+2x(2x1.5)C)C	21.5	7.5	05
	PUR	MAT9851410	(4G6.0+2x(2x1.5)C)C	18.5	10	06
	PUR	MAT9401004	(4G6.0+2x(2x1.5)C)C	20.0	7.5	07
0199 2082	PVC	MAT9411005	(4G10.0+2x(2x1.5)C)C	24.0	7.5	05
	PUR	MAT9851411	(4G10.0+2x(2x1.5)C)C	22.5	10	06
	PUR	MAT9401005	(4G10.0+2x(2x1.5)C)C	23.5	7.5	07
Extension cable						
0593 6500	PVC	MAT9751410	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	MAT9411011	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	MAT9851412	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	MAT9401011	(4G1.5+(2x1.5)C)C	13.0	7.5	07
1333 2481	PVC	New MAT9751475	(4G1.5+(2x1.5)C)C	12.0	10	04
	PVC	New MAT9751476	(4G1.5+(2x1.5)C)C	13.0	7.5	05
	PUR	New MAT9851475	(4G1.5+(2x1.5)C)C	12.0	10	06
	PUR	New MAT9851476	(4G1.5+(2x1.5)C)C	13.0	7.5	07
1333 2503	TPE	New MAT9951475	(4G1.5+(2x1.5)C)C	13.0	6.8	32
	PVC	New MAT9751477	(4G2.5+(2x1.5)C)C	14.0	10	04
	PVC	New MAT9751478	(4G2.5+(2x1.5)C)C	14.5	7.5	05
	PUR	New MAT9851477	(4G2.5+(2x1.5)C)C	14.0	10	06
1335 0099	PUR	New MAT9851478	(4G2.5+(2x1.5)C)C	14.5	7.5	07
	TPE	New MAT9951477	(4G2.5+(2x1.5)C)C	14.0	6.8	32
	PVC	MAT9751446	(4G6.0+2x(2x1.5)C)C	21.5	7.5	05
	PUR	MAT9851428	(4G6.0+2x(2x1.5)C)C	18.5	10	06
1335 0102	PUR	MAT9851446	(4G6.0+2x(2x1.5)C)C	20.0	7.5	07
	PVC	MAT9751447	(4G10.0+2x(2x1.5)C)C	24.0	7.5	05
	PUR	MAT9851429	(4G10.0+2x(2x1.5)C)C	22.5	10	06
1335 0110	PUR	MAT9851447	(4G10.0+2x(2x1.5)C)C	23.5	7.5	07
	PVC	MAT9751448	(4G16.0+2x(2x1.5)C)C	27.5	7.5	05
	PUR	MAT9851430	(4G16.0+2x(2x1.5)C)C	26.0	10	06
	PUR	MAT9851448	(4G16.0+2x(2x1.5)C)C	26.5	7.5	07
1335 4221	PUR	MAT9851425	(4G1.5+(3x1.0)C)C	14.0	10	06
1335 4248	PVC	MAT9751444	(4G2.5+2x(2x1.5)C)C	17.0	7.5	05
	PUR	MAT9851426	(4G2.5+2x(2x1.5)C)C	16.0	10	06
	PUR	MAT9851444	(4G2.5+2x(2x1.5)C)C	17.0	7.5	07

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Harnessed drive cables | SEW

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]	

SEW Servo cables

Extension cable



1335 4337	PVC	MAT9751445	(4G4.0+2x(2x1.5)C)C	18.5	7.5	05
	PUR	MAT9851427	(4G4.0+2x(2x1.5)C)C	17.0	10	06
	PUR	MAT9851445	(4G4.0+2x(2x1.5)C)C	18.0	7.5	07

SEW Hybrid Servo cables

Basic cable



0186 725 3	PUR	MAT9851443	4G1.5+(2x0.75)C+(3x0.75)C	14.0	10	28
0187 889 5	PUR	MAT9851456	(7x2.5+(2x0.75)C)C	20.0	10	28
0593 278 5	PUR	MAT9851449	(7x2.5+(2x0.75)C)C	20.0	10	28
0593 755 8	PUR	MAT9851451	(7x2.5+(2x0.75)C)C	20.0	10	28
0816 208 5	PUR	MAT9851454	(7x2.5+(2x0.75)C)C	20.0	10	28
0816 325 1	PUR	MAT9851450	(7x2.5+(2x0.75)C)C	20.0	10	28
0816 326 X	PUR	MAT9851452	(7x2.5+(2x0.75)C)C	20.0	10	28
0817 886 0	PUR	MAT9851457	(7x2.5+(2x0.75)C)C	20.0	10	28
0817 887 9	PUR	MAT9851455	(7x2.5+(2x0.75)C)C	20.0	10	28
0817 888 7	PUR	MAT9851458	(7x2.5+(2x0.75)C)C	20.0	10	28
0817 948 4	PUR	MAT9851453	(7x2.5+(2x0.75)C)C	20.0	10	28

Connection cable



1811 8119	PUR	New MAT9851464	(7x1.5+(2x0.75)C)C	16.5	10	28
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SEW Control cables

Connection cable



0199 560x	PVC	MAT9711401	3G1.0	6.5	6.8	19
	PUR	MAT9811401	3G1.0	6.5	6.8	21
	TPE	MAT9911401	3G1.0	7.5	5	25

SEW Encoder cables

Connection cable



0198 9308	PUR	MAT9841404	(3x(2x0.25))C	7.5	7.5	10
0199 3194	PUR	MAT9841401	(5x(2x0.25))C	9.5	7.5	10
0199 4875	PVC	MAT9741401	(5x(2x0.25))C	8.0	10	08

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Harnessed drive cables | SEW

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]	

SEW Encoder cables

Connection cable



0595 1518	PVC	MAT9741408	(6x(2x0.25))C	8.5	10	08
	PUR	MAT9841408	(6x(2x0.25))C	10.0	7.5	10
	TPE	MAT9941408	(6x(2x0.25))C	10.0	6.8	16
1332 4535	PVC	MAT9741403	(6x(2x0.25))C	8.5	10	08
1332 4551	PUR	MAT9841403	(6x(2x0.25))C	10.0	7.5	10
1332 7429	PVC	MAT9741402	(5x(2x0.25))C	8.0	10	08
1332 7437	PUR	MAT9841402	(5x(2x0.25))C	9.5	7.5	10

Extension cable



0199 5391	PVC	MAT9741406	(6x(2x0.25))C	8.5	10	08
0199 5405	PUR	MAT9841406	(6x(2x0.25))C	10.0	7.5	10
0199 5413	PUR	MAT9841405	(5x(2x0.25))C	9.5	7.5	10
0199 5421	PVC	MAT9741405	(5x(2x0.25))C	8.0	10	08
0593 9682	PVC	MAT9741407	(5x(2x0.25))C	8.0	10	08
	PUR	MAT9841407	(5x(2x0.25))C	9.5	7.5	10

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