

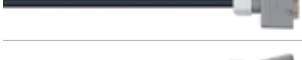
Industry

Chainflex® cables with industrial connectors



Chainflex® Readycable®



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HARTING Connector sets (chapter Connectors from page 698)			
	Connector sets with pin-inserts		740
	Connector sets Premium (pin + socket)		742

Jacket material	igus® Part No.	Number of Conductors and rated cross section [mm²]	Outer diameter		Copper Index		Weight		R min. [x d]	Chainflex® cable	Insert 1 HARTING Part No.	Housing 1 HARTING Part No.	Insert 2 HARTING Part No.	Housing 2 HARTING Part No.
			[in]	[mm]	[lbs/mt]	[kg/km]	[lbs/mt]	[kg/km]						

Han 6B Connector housing (pin) to Han 6B Connector housing (socket),
Single locking lever on both sides, straight



PVC	MAT90489360	7 G 1.5	0.49	12.5	74.59	111	167.99	250	12.5	CF880-15-07	09330062702	19300061440	09330062602	19300061440
PVC	MAT90489361	7 G 1.5	0.37	9.5	74.59	111	107.52	160	7.5	CF130-15-07-UL	09330062702	19300061440	09330062602	19300061440
PVC	MAT90489362	7 G 1.5	0.41	10.5	75.26	112	125.66	187	6.8	CF5-15-07	09330062702	19300061440	09330062602	19300061440
iguPUR	MAT90489363	7 G 1.5	0.49	12.5	74.59	111	156.57	233	12.5	CF890-15-07	09330062702	19300061440	09330062602	19300061440
PUR	MAT90489364	7 G 1.5	0.41	10.5	74.59	111	116.92	174	6.8	CF77-UL-15-07-D	09330062702	19300061440	09330062602	19300061440
PUR	MAT90489367	5G1.0+(2x1.0)C	0.41	10.5	57.79	86	95.42	142	10	CFROBOT9-001	09330062702	19300061440	09330062602	19300061440
TPE	MAT90489365	7 G 1.5	0.37	9.5	76.60	114	101.47	151	5	CF9-15-07	09330062702	19300061440	09330062602	19300061440
TPE	MAT90489366	7 G 1.5	0.45	11.5	74.59	111	138.43	206	5	CF9-UL-15-07	09330062702	19300061440	09330062602	19300061440

Han 6B Connector housing (pin) to Han 6B Connector housing (socket),
Single locking lever on both sides, angled



PVC	MAT90489368	7 G 1.5	0.49	12.5	74.59	111	167.99	250	12.5	CF880-15-07	09330062702	19300061541	09330062602	19300061541
PVC	MAT90489369	7 G 1.5	0.37	9.5	74.59	111	107.52	160	7.5	CF130-15-07-UL	09330062702	19300061540	09330062602	19300061540
PVC	MAT90489370	7 G 1.5	0.41	10.5	75.26	112	125.66	187	6.8	CF5-15-07	09330062702	19300061540	09330062602	19300061540
iguPUR	MAT90489371	7 G 1.5	0.49	12.5	74.59	111	156.57	233	12.5	CF890-15-07	09330062702	19300061541	09330062602	19300061541
PUR	MAT90489372	7 G 1.5	0.41	10.5	74.59	111	116.92	174	6.8	CF77-UL-15-07-D	09330062702	19300061540	09330062602	19300061540
PUR	MAT90489375	5G1.0+(2x1.0)C	0.41	10.5	57.79	86	95.42	142	10	CFROBOT9-001	09330062702	19300061540	09330062602	19300061540
TPE	MAT90489373	7 G 1.5	0.37	9.5	76.60	114	101.47	151	5	CF9-15-07	09330062702	19300061540	09330062602	19300061540
TPE	MAT90489374	7 G 1.5	0.45	11.5	74.59	111	138.43	206	5	CF9-UL-15-07	09330062702	19300061540	09330062602	19300061540

Note: The mentioned outer diameters are maximum values. Images exemplary.
G= with green-yellow earth core x= without earth core

Jacket material	igus® Part No.	Number of Conductors and rated cross section [mm²]	Outer diameter		Copper Index		Weight		R min. [x d]	Chainflex® cable	Insert 1 HARTING Part No.	Housing 1 HARTING Part No.	Insert 2 HARTING Part No.	Housing 2 HARTING Part No.
			[in]	[mm]	[lbs/mft]	[kg/km]	[lbs/mft]	[kg/km]						

Han 10B Connector housing (pin) to Han 10B Connector housing (socket),
Single locking lever on both sides, straight

PVC	MAT90489376	12 G 1.5	0.57	14.5	128.35	191	249.97	372	12.5	CF880-15-12	09330102702	19300101441	09330102602	19300101441
PVC	MAT90489377	12 G 1.5	0.51	13.0	128.35	191	192.86	287	7.5	CF130-15-12-UL	09330102702	19300101441	09330102602	19300101441
PVC	MAT90489378	12 G 1.5	0.59	15.0	128.35	191	185.46	276	6.8	CF5-15-12	09330102702	19300101441	09330102602	19300101441
iguPUR	MAT90489379	12 G 1.5	0.57	14.5	128.35	191	236.53	352	12.5	CF890-15-12	09330102702	19300101441	09330102602	19300101441
PUR	MAT90489380	12 G 1.5	0.55	14.0	128.35	191	206.97	308	6.8	CF77-UL-15-12-D	09330102702	19300101441	09330102602	19300101441
PUR	MAT90489383	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330102702	19300101441	09330102602	19300101441
TPE	MAT90489381	12 G 1.5	0.53	13.5	128.35	191	194.87	290	5	CF9-15-12	09330102702	19300101441	09330102602	19300101441
TPE	MAT90489382	12 G 1.5	0.63	16.0	128.35	191	258.04	384	5	CF9-UL-15-12	09330102702	19300101441	09330102602	19300101441

Han 10B Connector housing (pin) to Han 10B Connector housing (socket),
Single locking lever on both sides, angled

PVC	MAT90489384	12 G 1.5	0.57	14.5	128.35	191	249.97	372	12.5	CF880-15-12	09330102702	19300101541	09330102602	19300101541
PVC	MAT90489385	12 G 1.5	0.51	13.0	128.35	191	192.86	287	7.5	CF130-15-12-UL	09330102702	19300101541	09330102602	19300101541
PVC	MAT90489386	12 G 1.5	0.59	15.0	128.35	191	185.46	276	6.8	CF5-15-12	09330102702	19300101541	09330102602	19300101541
iguPUR	MAT90489387	12 G 1.5	0.57	14.5	128.35	191	236.53	352	12.5	CF890-15-12	09330102702	19300101541	09330102602	19300101541
PUR	MAT90489388	12 G 1.5	0.55	14.0	128.35	191	206.97	308	6.8	CF77-UL-15-12-D	09330102702	19300101541	09330102602	19300101541
PUR	MAT90489391	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330102702	19300101541	09330102602	19300101541
TPE	MAT90489389	12 G 1.5	0.53	13.5	128.35	191	194.87	290	5	CF9-15-12	09330102702	19300101541	09330102602	19300101541
TPE	MAT90489390	12 G 1.5	0.63	16.0	128.35	191	258.04	384	5	CF9-UL-15-12	09330102702	19300101541	09330102602	19300101541

Han 10B Connector housing (pin) to Han 10B Connector housing (socket),
Double locking lever on both sides, straight

PVC	MAT90489392	12 G 1.5	0.57	14.5	128.35	191	249.97	372	12.5	CF880-15-12	09330102702	19300101421	09330102602	19300101421
PVC	MAT90489393	12 G 1.5	0.51	13.0	128.35	191	192.86	287	7.5	CF130-15-12-UL	09330102702	19300101421	09330102602	19300101421
PVC	MAT90489394	12 G 1.5	0.59	15.0	128.35	191	185.46	276	6.8	CF5-15-12	09330102702	19300101421	09330102602	19300101421
iguPUR	MAT90489395	12 G 1.5	0.57	14.5	128.35	191	236.53	352	12.5	CF890-15-12	09330102702	19300101421	09330102602	19300101421
PUR	MAT90489396	12 G 1.5	0.55	14.0	128.35	191	206.97	308	6.8	CF77-UL-15-12-D	09330102702	19300101421	09330102602	19300101421
PUR	MAT90489399	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330102702	19300101421	09330102602	19300101421
TPE	MAT90489397	12 G 1.5	0.53	13.5	128.35	191	194.87	290	5	CF9-15-12	09330102702	19300101421	09330102602	19300101421
TPE	MAT90489398	12 G 1.5	0.63	16.0	128.35	191	258.04	384	5	CF9-UL-15-12	09330102702	19300101421	09330102602	19300101421

Han 10B Connector housing (pin) to Han 10B Connector housing (socket),
Double locking lever on both sides, angled

PVC	MAT90489400	12 G 1.5	0.57	14.5	128.35	191	249.97	372	12.5	CF880-15-12	09330102702	19300101521	09330102602	19300101521
PVC	MAT90489401	12 G 1.5	0.51	13.0	128.35	191	192.86	287	7.5	CF130-15-12-UL	09330102702	19300101521	09330102602	19300101521
PVC	MAT90489402	12 G 1.5	0.59	15.0	128.35	191	185.46	276	6.8	CF5-15-12	09330102702	19300101521	09330102602	19300101521
iguPUR	MAT90489403	12 G 1.5	0.57	14.5	128.35	191	236.53	352	12.5	CF890-15-12	09330102702	19300101521	09330102602	19300101521
PUR	MAT90489404	12 G 1.5	0.55	14.0	128.35	191	206.97	308	6.8	CF77-UL-15-12-D	09330102702	19300101521	09330102602	19300101521
PUR	MAT90489407	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330102702	19300101521	09330102602	19300101521
TPE	MAT90489405	12 G 1.5	0.53	13.5	128.35	191	194.87	290	5	CF9-15-12	09330102702	19300101521	09330102602	19300101521
TPE	MAT90489406	12 G 1.5	0.63	16.0	128.35	191	258.04	384	5	CF9-UL-15-12	09330102702	19300101521	09330102602	19300101521

Note: The mentioned outer diameters are maximum values. Images exemplary.
G= with green-yellow earth core x= without earth core

Jacket material	igus® Part No.	Number of Conductors and rated cross section [mm²]	Outer diameter		Copper Index		Weight		R min. [x d]	Chainflex® cable	Insert 1 HARTING Part No.	Housing 1 HARTING Part No.	Insert 2 HARTING Part No.	Housing 2 HARTING Part No.
			[in]	[mm]	[lbs/mft]	[kg/km]	[lbs/mft]	[kg/km]						

Han 16B Connector housing (pin) to Han 16B Connector housing (socket),
Single locking lever on both sides, straight



PVC	MAT90489408	18 G 1.5	0.69	17.5	192.18	286	368.24	548	12.5	CF880-15-18	09330162702	19300161442	09330162602	19300161442
PVC	MAT90489409	18 G 1.5	0.69	17.5	192.18	286	325.23	484	7.5	CF130-15-18-UL	09330162702	19300161442	09330162602	19300161442
PVC	MAT90489410	18 G 1.5	0.77	19.5	191.51	285	333.30	496	6.8	CF5-15-18	09330162702	19300161442	09330162602	19300161442
iguPUR	MAT90489411	18 G 1.5	0.69	17.5	192.18	286	349.42	520	12.5	CF890-15-18	09330162702	19300161442	09330162602	19300161442
PUR	MAT90489412	18 G 1.5	0.67	17.0	192.18	286	320.53	477	6.8	CF77-UL-15-18-D	09330162702	19300161442	09330162602	19300161442
PUR	MAT90489415	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330162702	19300161442	09330162602	19300161442
TPE	MAT90489413	18 G 1.5	0.65	16.5	192.18	286	277.52	413	5	CF9-15-18	09330162702	19300161442	09330162602	19300161442
TPE	MAT90489414	18 G 1.5	0.75	19.0	192.18	286	371.60	553	5	CF9-UL-15-18	09330162702	19300161442	09330162602	19300161442

Han 16B Connector housing (pin) to Han 16B Connector housing (socket),
Single locking lever on both sides, angled



PVC	MAT90489416	18 G 1.5	0.69	17.5	192.18	286	368.24	548	12.5	CF880-15-18	09330162702	19300161542	09330162602	19300161542
PVC	MAT90489417	18 G 1.5	0.69	17.5	192.18	286	325.23	484	7.5	CF130-15-18-UL	09330162702	19300161542	09330162602	19300161542
PVC	MAT90489418	18 G 1.5	0.77	19.5	191.51	285	333.30	496	6.8	CF5-15-18	09330162702	19300161542	09330162602	19300161542
iguPUR	MAT90489419	18 G 1.5	0.69	17.5	192.18	286	349.42	520	12.5	CF890-15-18	09330162702	19300161542	09330162602	19300161542
PUR	MAT90489420	18 G 1.5	0.67	17.0	192.18	286	320.53	477	6.8	CF77-UL-15-18-D	09330162702	19300161542	09330162602	19300161542
PUR	MAT90489423	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330162702	19300161542	09330162602	19300161542
TPE	MAT90489421	18 G 1.5	0.65	16.5	192.18	286	277.52	413	5	CF9-15-18	09330162702	19300161542	09330162602	19300161542
TPE	MAT90489422	18 G 1.5	0.75	19.0	192.18	286	371.60	553	5	CF9-UL-15-18	09330162702	19300161542	09330162602	19300161542

Han 16B Connector housing (pin) to Han 16B Connector housing (socket),
Double locking lever on both sides, straight



PVC	MAT90489424	18 G 1.5	0.69	17.5	192.18	286	368.24	548	12.5	CF880-15-18	09330162702	19300161422	09330162602	19300161422
PVC	MAT90489425	18 G 1.5	0.69	17.5	192.18	286	325.23	484	7.5	CF130-15-18-UL	09330162702	19300161422	09330162602	19300161422
PVC	MAT90489426	18 G 1.5	0.77	19.5	191.51	285	333.30	496	6.8	CF5-15-18	09330162702	19300161422	09330162602	19300161422
iguPUR	MAT90489427	18 G 1.5	0.69	17.5	192.18	286	349.42	520	12.5	CF890-15-18	09330162702	19300161422	09330162602	19300161422
PUR	MAT90489428	18 G 1.5	0.67	17.0	192.18	286	320.53	477	6.8	CF77-UL-15-18-D	09330162702	19300161422	09330162602	19300161422
PUR	MAT90489431	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330162702	19300161422	09330162602	19300161422
TPE	MAT90489429	18 G 1.5	0.65	16.5	192.18	286	277.52	413	5	CF9-15-18	09330162702	19300161422	09330162602	19300161422
TPE	MAT90489430	18 G 1.5	0.75	19.0	192.18	286	371.60	553	5	CF9-UL-15-18	09330162702	19300161422	09330162602	19300161422

Han 16B Connector housing (pin) to Han 16B Connector housing (socket),
Double locking lever on both sides, angled



PVC	MAT90489432	18 G 1.5	0.69	17.5	192.18	286	368.24	548	12.5	CF880-15-18	09330162702	19300161522	09330162602	19300161522
PVC	MAT90489433	18 G 1.5	0.69	17.5	192.18	286	325.23	484	7.5	CF130-15-18-UL	09330162702	19300161522	09330162602	19300161522
PVC	MAT90489434	18 G 1.5	0.77	19.5	191.51	285	333.30	496	6.8	CF5-15-18	09330162702	19300161522	09330162602	19300161522
iguPUR	MAT90489435	18 G 1.5	0.69	17.5	192.18	286	349.42	520	12.5	CF890-15-18	09330162702	19300161522	09330162602	19300161522
PUR	MAT90489436	18 G 1.5	0.67	17.0	192.18	286	320.53	477	6.8	CF77-UL-15-18-D	09330162702	19300161522	09330162602	19300161522
PUR	MAT90489439	16G1.0+(2x1.0)C	0.63	16.0	139.10	207	217.72	324	10	CFROBOT9-004	09330162702	19300161522	09330162602	19300161522
TPE	MAT90489437	18 G 1.5	0.65	16.5	192.18	286	277.52	413	5	CF9-15-18	09330162702	19300161522	09330162602	19300161522
TPE	MAT90489438	18 G 1.5	0.75	19.0	192.18	286	371.60	553	5	CF9-UL-15-18	09330162702	19300161522	09330162602	19300161522

Note: The mentioned outer diameters are maximum values. Images exemplary.
G= with green-yellow earth core x= without earth core

Jacket material	igus® Part No.	Number of Conductors and rated cross section [mm²]	Outer diameter		Copper Index		Weight		R min. [x d]	Chainflex® cable	Insert 1 HARTING Part No.	Housing 1 HARTING Part No.	Insert 2 HARTING Part No.	Housing 2 HARTING Part No.
			[in]	[mm]	[lbs/mft]	[kg/km]	[lbs/mft]	[kg/km]						

Han 24B Connector housing (pin) to Han 24B Connector housing (socket),
Single locking lever on both sides, straight

PVC	MAT90489440	25 G 1.5	0.83	21.0	266.10	396	516.07	768	12.5	CF880-15-25	09330242702	19300241442	09330242602	19300241442
PVC	MAT90489441	25 G 1.5	0.77	19.5	266.10	396	414.60	617	7.5	CF130-15-25-UL	09330242702	19300241442	09330242602	19300241442
PVC	MAT90489442	25 G 1.5	0.85	21.5	266.10	396	450.22	670	6.8	CF5-15-25	09330242702	19300241442	09330242602	19300241442
iguPUR	MAT90489443	25 G 1.5	0.83	21.0	266.10	396	492.55	733	12.5	CF890-15-25	09330242702	19300241442	09330242602	19300241442
PUR	MAT90489444	25 G 1.5	0.77	19.5	266.10	396	423.34	630	6.8	CF77-UL-15-25-D	09330242702	19300241442	09330242602	19300241442
PUR	MAT90489447	23G1.0+(2x1.0)C	0.77	19.5	192.18	286	310.45	462	10	CFROBOT9-005	09330242702	19300241442	09330242602	19300241442
TPE	MAT90489445	25 G 1.5	0.79	20.0	266.10	396	424.68	632	5	CF9-15-25	09330242702	19300241442	09330242602	19300241442
TPE	MAT90489446	25 G 1.5	0.87	22.0	266.10	396	508.01	756	5	CF9-UL-15-25	09330242702	19300241442	09330242602	19300241442



Han 24B Connector housing (pin) to Han 24B Connector housing (socket),
Single locking lever on both sides, angled

PVC	MAT90489448	25 G 1.5	0.83	21.0	266.10	396	516.07	768	12.5	CF880-15-25	09330242702	19300241542	09330242602	19300241542
PVC	MAT90489449	25 G 1.5	0.77	19.5	266.10	396	414.60	617	7.5	CF130-15-25-UL	09330242702	19300241542	09330242602	19300241542
PVC	MAT90489450	25 G 1.5	0.85	21.5	266.10	396	450.22	670	6.8	CF5-15-25	09330242702	19300241542	09330242602	19300241542
iguPUR	MAT90489451	25 G 1.5	0.83	21.0	266.10	396	492.55	733	12.5	CF890-15-25	09330242702	19300241542	09330242602	19300241542
PUR	MAT90489452	25 G 1.5	0.77	19.5	266.10	396	423.34	630	6.8	CF77-UL-15-25-D	09330242702	19300241542	09330242602	19300241542
PUR	MAT90489455	23G1.0+(2x1.0)C	0.77	19.5	192.18	286	310.45	462	10	CFROBOT9-005	09330242702	19300241542	09330242602	19300241542
TPE	MAT90489453	25 G 1.5	0.79	20.0	266.10	396	424.68	632	5	CF9-15-25	09330242702	19300241542	09330242602	19300241542
TPE	MAT90489454	25 G 1.5	0.87	22.0	266.10	396	508.01	756	5	CF9-UL-15-25	09330242702	19300241542	09330242602	19300241542



Han 24B Connector housing (pin) to Han 24B Connector housing (socket),
Double locking lever on both sides, straight

PVC	MAT90489456	25 G 1.5	0.83	21.0	266.10	396	516.07	768	12.5	CF880-15-25	09330242702	19300241422	09330242602	19300241422
PVC	MAT90489457	25 G 1.5	0.77	19.5	266.10	396	414.60	617	7.5	CF130-15-25-UL	09330242702	19300241422	09330242602	19300241422
PVC	MAT90489458	25 G 1.5	0.85	21.5	266.10	396	450.22	670	6.8	CF5-15-25	09330242702	19300241422	09330242602	19300241422
iguPUR	MAT90489459	25 G 1.5	0.83	21.0	266.10	396	492.55	733	12.5	CF890-15-25	09330242702	19300241422	09330242602	19300241422
PUR	MAT90489460	25 G 1.5	0.77	19.5	266.10	396	423.34	630	6.8	CF77-UL-15-25-D	09330242702	19300241422	09330242602	19300241422
PUR	MAT90489463	23G1.0+(2x1.0)C	0.77	19.5	192.18	286	310.45	462	10	CFROBOT9-005	09330242702	19300241422	09330242602	19300241422
TPE	MAT90489461	25 G 1.5	0.79	20.0	266.10	396	424.68	632	5	CF9-15-25	09330242702	19300241422	09330242602	19300241422
TPE	MAT90489462	25 G 1.5	0.87	22.0	266.10	396	508.01	756	5	CF9-UL-15-25	09330242702	19300241422	09330242602	19300241422



Han 24B Connector housing (pin) to Han 24B Connector housing (socket),
Double locking lever on both sides, angled

PVC	MAT90489464	25 G 1.5	0.83	21.0	266.10	396	516.07	768	12.5	CF880-15-25	09330242702	19300241522	09330242602	19300241522
PVC	MAT90489465	25 G 1.5	0.77	19.5	266.10	396	414.60	617	7.5	CF130-15-25-UL	09330242702	19300241522	09330242602	19300241522
PVC	MAT90489466	25 G 1.5	0.85	21.5	266.10	396	450.22	670	6.8	CF5-15-25	09330242702	19300241522	09330242602	19300241522
iguPUR	MAT90489467	25 G 1.5	0.83	21.0	266.10	396	492.55	733	12.5	CF890-15-25	09330242702	19300241522	09330242602	19300241522
PUR	MAT90489468	25 G 1.5	0.77	19.5	266.10	396	423.34	630	6.8	CF77-UL-15-25-D	09330242702	19300241522	09330242602	19300241522
PUR	MAT90489471	23G1.0+(2x1.0)C	0.77	19.5	192.18	286	310.45	462	10	CFROBOT9-005	09330242702	19300241522	09330242602	19300241522
TPE	MAT90489469	25 G 1.5	0.79	20.0	266.10	396	424.68	632	5	CF9-15-25	09330242702	19300241522	09330242602	19300241522
TPE	MAT90489470	25 G 1.5	0.87	22.0	266.10	396	508.01	756	5	CF9-UL-15-25	09330242702	19300241522	09330242602	19300241522



Note: The mentioned outer diameters are maximum values. Images exemplary.
G= with green-yellow earth core x= without earth core