

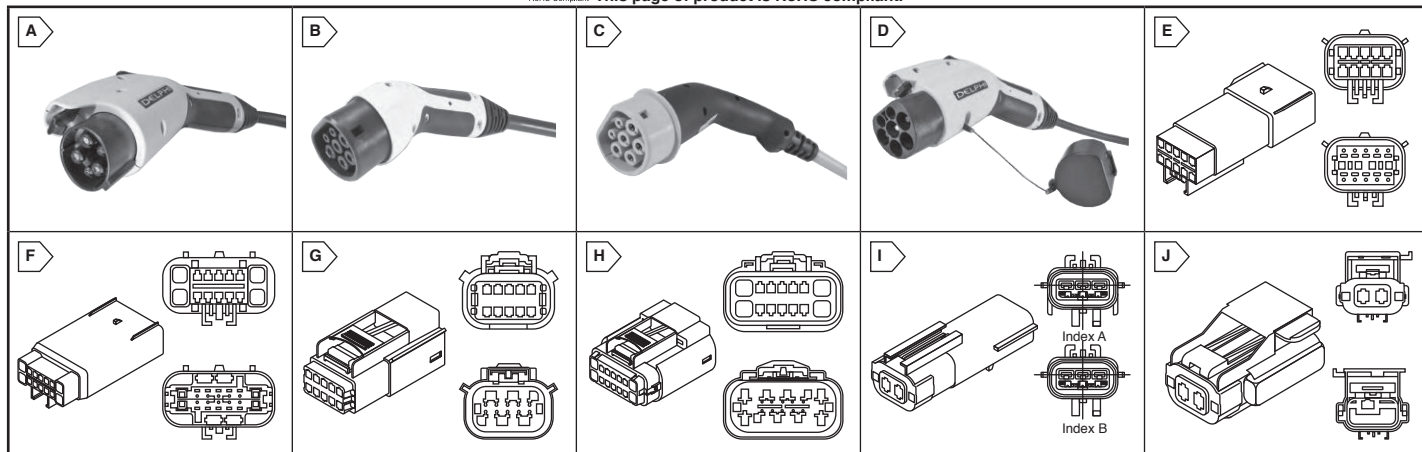
DELPHI Automotive Connectors

DELPHI

Innovation for the Real World



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ELECTRIC VEHICLE CHARGING CABLE ASSEMBLIES

Performance:

- Voltage range: 120V to 480V
- Temperature range: -40°C to +50°C
- Validation: See part number information

Applications:

- Cable assemblies for integration into charging stations or portable cordsets per customer requirements

Charge Coupler Connector Pigtails

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Fig.	Current (A)	Voltage Rating (VAC)	Phase No.	Charge Coupler	Design	Cable Length (m/ft)	Cable Sections	Price Each
829-33105172	33105172	A	15/20	120	1	SAE J1772/IEC62196 Type 1	Soft Grip	5.0 / 16.40	3G2.5+0.5	149.99
829-33105183	33105183	A	20	240	1	SAE J1772/IEC62196 Type 1	Soft Grip	7.72 / 25.00	3G3.0+0.8	158.24
829-33155748	33155748	A	20	240	1	SAE J1772/IEC62196 Type 1	Soft Grip	5.0 / 16.40	3G2.5+0.5	154.53
829-33155745	33155745	B	32	480	3	IEC62196 Type 2	Soft Grip	5.0 / 16.40	5G6+0.5	271.50
829-33155746	33155746	B	20	480	3	IEC62196 Type 2	Soft Grip	5.0 / 16.40	5G2.5+0.5	174.39
829-33155747	33155747	B	20	240	1	IEC62196 Type 2	Soft Grip	5.0 / 16.40	3G2.5+0.5	143.40
829-F331310	F331310	C	16	240	1	IEC62196 Type 2	All plastic grip	6.5 / 21.32	3G2.5+0.75	171.68
829-33155744	33155744	D	20	-	1	GB/T 20234	Soft Grip	5.0 / 16.40	3G2.5+0.5	174.39

Accessories

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Fig.	Description	Price Each
829-33507943	33507943	-	Type 1 Cap	9.29
829-15527767	15527767	-	Type 2 Cap	9.29
829-33511950	33511950	-	GBT Cap	9.29

APEX® CONNECTION SYSTEMS

Common Features:

- Terminal Position Assurance (TPA) device to detect partially installed terminals
- Sealing Protection: IP68
- Circumferential interface seal
- Temperature range: 2 and 3 way: -40°C to +150°C
- Temperature range: 4, 6, 10 & 14 way: -40°C to +125°C

150 (1.5mm) Sealed Connectors

- Wire accommodation range: 22AWG (.35mm²)
- USCAR 'on engine' performance standard suitable for harsh environments
- Mat seal design
- Current Rating: 25A
- 3.5mm pitch
- Hybrid
- Hybrid and ErgoMate

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Fig.	No. of Contacts	Index Type	Color	Price Each			
						1	25	50	100
Male Housings									
649-54241000	54241000	E	10	A	Black	3.54	2.76	2.26	1.98
649-54241001	54241001	E	10	B	Gray	3.31	2.58	2.11	1.86
649-54241600	54241600	E	16	A	Black	3.41	2.65	2.17	1.91
649-54241601	54241601	E	16	B	Gray	3.40	2.65	2.17	1.91
649-54251400	54251400	F	14	A	Black	4.66	3.63	2.97	2.61
649-F254000	F254000	F	24	A	Black	7.78	6.05	4.95	4.36
Female Housings with CPA									
649-54241030	54241030	G	10	A	Black	4.16	3.23	2.65	2.33
649-54241630	54241630	G	16	A	Black	4.37	3.40	2.78	2.45
649-54241631	54241631	G	16	B	Gray	4.73	3.68	3.01	2.65
649-54251400	54251400	H	14	A	Black	6.12	4.76	3.89	3.43
649-55251401	55251401	H	14	B	Gray	11.27	8.77	7.17	6.31
649-F934000	F934000	H	24	A	Black	11.11	8.64	7.07	6.22

2.8mm Sealed Connectors

- Sealed: 12-20 wire gauge
- Fully assembled, robust design
- Heavy Duty for demanding environments
- Mat seal design

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Fig.	No. of Contacts	Index Type	Color	Price Each			
						1	25	50	100
Male Housings									
649-54200210	54200210	I	2	A	Black	2.66	2.07	1.69	1.49
649-54200211	54200211	I	2	B	Lt Gray	2.16	1.68	1.37	1.21
649-54200312	54200312	I	3	A	Black	2.85	2.21	1.81	1.59
649-54200313	54200313	I	3	B	Lt Gray	2.78	2.16	1.77	1.56
649-54200413	54200413	I	4	A	Black	2.85	2.21	1.81	1.59
649-54200414	54200414	I	4	B	Lt Gray	3.11	2.42	1.98	1.74
649-54200612	54200612	I	6	A	Black	3.27	2.54	2.08	1.83
649-54200613	54200613	I	6	B	Lt Gray	2.61	2.03	1.66	1.46
649-54201016	54201016	I	10	A	Black	3.46	2.69	2.20	1.94
649-54201017	54201017	I	10	B	Lt Gray	3.53	2.74	2.24	1.97
649-54201415	54201415	I	14	A	Black	4.13	3.21	2.63	2.31
649-54201416	54201416	I	14	B	Lt Gray	4.14	3.22	2.63	2.32

2.8mm Sealed Connectors (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Fig.	No. of Contacts	Index Type	Color	Price Each			
						1	25	50	100
Female Housings with CPA									
649-54200206	54200206	J	2	A	Black	2.71	2.10	1.72	1.52
649-54200207	54200207	J	2	B	Lt Gray	2.69	2.09	1.71	1.51
649-54200308	54200308	J	3	A	Black	3.07	2.39	1.95	1.72
649-54200309	54200309	J	3	B	Lt Gray	3.07	2.39	1.95	1.72
649-54200409	54200409	J	4	A	Black	3.23	2.51	2.05	1.81
649-54200410	54200410	J	4	B	Lt Gray	2.89	2.25	1.84	1.62
649-54200608	54200608	J	6	A	Black	3.42	2.66	2.18	1.92
649-54200609	54200609	J	6	B	Lt Gray	3.42	2.66	2.18	1.92
649-54201009	54201009	J	10	A	Black	4.02	3.13	2.56	2.25
649-54201010	54201010	J	10	B	Lt Gray	4.00	3.11	2.54	2.24
649-54201411	54201411	J	14	A	Black	4.84	3.76	3.08	2.71
649-54201412	54201412	J	14	B	Lt Gray	4.88	3.79	3.10	2.73

Plugs

- 2.8mm Cavity Plugs to be used with 14 and 24 contacts Hybrid and ErgoMate Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Description	Price Each			
			1	25	50	100
649-54200005	54200005	Cavity Plug, 2.8mm	.11	.08	.07	.06
649-54241629	54241629	Seal Plug, 1.5mm Cavity	.53	.41	.34	.30
649-54240002	54240002	Seal Plug, 2.8mm, Female Side	.60	.47	.38	.34
649-54240003	54240003	Seal Plug, 2.8mm, Male Side	.62	.48	.39	.35

Terminals

- Plating: Tin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	Gender	Terminal Size	AWG	Price Each			
					1	25	50	100
829-13630404	13630404	Male	1.5mm	18-16	.15	.113	.093	.082
829-10757690	10757690	Female	2.8mm	20-18	.17	.13	.11	.10
829-10762803-L	10762803-L	Female	2.8mm	16-14	.74	.733	.721	.71
829-10762775	10762775	Male	2.8mm	20-18	.18	.14	.12	.10

Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Delphi Part No.	For use with:	Price Each	
			1	5
APEX Terminal Extraction				
649-54241678	54241678	150 Series	11.46	10.17
649-5400EXT	5400EXT	2.8mm Series	4.97	4.41
Hand Crimp				
649-APEX2.8MM18/20	APEX2.8mm18/20	20-18AWG	281.82	250.00
649-APEX2.8MM14/16	APEX2.8mm14/16	16-14AWG	290.91	258.07
649-APEX2.8MM10/12	APEX2.8mm10/12	12-10AWG	305.26	270.80