

A

No. of Positions	Latch Style	Kit Type	Cable Entry	Cable Diameter Inch	Hood Profile	Spring Cover	Digi-Key Part No.	1	Price Each	10	50	Amphenol-Tuchel Part No.
Bulkhead Housing Kits with Female Inserts												
6 + G	Single	Panel	—	—	—	No	361-1150-ND	14.74	14.25	13.27		C146 10E006 940 1
6 + G	Single	Panel	—	—	—	Yes	361-1151-ND	18.51	17.89	16.66		C146 10E006 942 1
10 + G	Single	Panel	—	—	—	No	361-1156-ND	18.96	18.33	17.07		C146 10E010 941 1
10 + G	Single	Panel	—	—	—	Yes	361-1157-ND	22.64	21.89	20.38		C146 10E010 942 1
16 + G	Single	Panel	—	—	—	No	361-1162-ND	21.02	20.32	18.92		C146 10E016 941 1
16 + G	Single	Panel	—	—	—	Yes	361-1163-ND	24.82	24.00	22.34		C146 10E016 942 1
24 + G	Single	Panel	—	—	—	No	361-1166-ND	24.15	23.34	21.73		C146 10E024 941 1
24 + G	Single	Panel	—	—	—	Yes	361-1167-ND	28.84	27.41	26.27		C146 10E024 942 1
24 + G	Double	Panel	—	—	—	No	361-1176-ND	25.45	24.61	22.91		C146 10E024 940 1
Mating Hood Kits with Male Inserts												
6 + G	Single	Cable	Side	0.315 – 0.630	Low	—	361-1152-ND	15.53	15.02	13.98		C146 10E006 943 1
6 + G	Single	Cable	Side	0.433 – 0.866	High	—	361-1153-ND	17.18	16.62	15.47		C146 10E006 945 8
6 + G	Single	Cable	Top	0.315 – 0.630	Low	—	361-1154-ND	16.20	15.66	14.58		C146 10E006 944 1
6 + G	Single	Cable	Top	0.433 – 0.866	High	—	361-1155-ND	16.90	16.34	15.22		C146 10E006 946 8
10 + G	Single	Cable	Side	0.315 – 0.630	Low	—	361-1158-ND	19.38	18.74	17.45		C146 10E010 943 1
10 + G	Single	Cable	Side	0.433 – 0.866	Low	—	361-1159-ND	19.27	18.63	17.34		C146 10E010 946 1
10 + G	Single	Cable	Top	0.315 – 0.630	Low	—	361-1160-ND	19.19	18.55	17.27		C146 10E010 944 1
10 + G	Single	Cable	Top	0.433 – 0.866	Low	—	361-1161-ND	20.07	19.41	18.07		C146 10E010 945 1
16 + G	Single	Cable	Side	0.433 – 0.866	Low	—	361-1164-ND	22.46	21.71	20.21		C146 10E016 943 1
16 + G	Single	Cable	Top	0.433 – 0.866	Low	—	361-1165-ND	22.36	21.62	20.13		C146 10E016 944 1
24 + G	Single	Cable	Side	0.433 – 0.866	Low	—	361-1168-ND	26.96	26.07	24.27		C146 10E024 949 1
24 + G	Single	Cable	Side	0.433 – 0.866	High	—	361-1169-ND	26.75	25.86	24.08		C146 10E024 947 8
24 + G	Single	Cable	Side	0.748 – 1.220	Low	—	361-1170-ND	29.88	28.89	26.90		C146 10E024 955 1
24 + G	Single	Cable	Side	0.748 – 1.220	High	—	361-1171-ND	29.89	28.40	27.23		C146 10E024 956 8
24 + G	Single	Cable	Top	0.433 – 0.866	Low	—	361-1172-ND	27.07	26.16	24.36		C146 10E024 950 1
24 + G	Single	Cable	Top	0.433 – 0.866	High	—	361-1173-ND	26.75	25.86	24.08		C146 10E024 948 8
24 + G	Single	Cable	Top	0.748 – 1.220	Low	—	361-1174-ND	28.02	26.63	25.53		C146 10E024 958 1
24 + G	Single	Cable	Top	0.748 – 1.220	High	—	361-1175-ND	29.94	28.45	27.27		C146 10E024 957 8
24 + G	Double	Cable	Side	0.433 – 0.866	Low	—	361-1177-ND	25.96	25.10	23.37		C146 10E024 945 1
24 + G	Double	Cable	Side	0.433 – 0.866	High	—	361-1178-ND	25.57	24.72	23.02		C146 10E024 943 8
24 + G	Double	Cable	Side	0.748 – 1.220	Low	—	361-1179-ND	29.50	28.52	26.56		C146 10E024 953 1
24 + G	Double	Cable	Side	0.748 – 1.220	High	—	361-1180-ND	29.77	28.79	26.80		C146 10E024 951 8
24 + G	Double	Cable	Top	0.433 – 0.866	Low	—	361-1181-ND	26.63	25.74	23.97		C146 10E024 946 1
24 + G	Double	Cable	Top	0.433 – 0.866	High	—	361-1182-ND	25.28	24.44	22.75		C146 10E024 944 8
24 + G	Double	Cable	Top	0.748 – 1.220	Low	—	361-1183-ND	28.63	27.68	25.77		C146 10E024 954 1
24 + G	Double	Cable	Top	0.748 – 1.220	High	—	361-1184-ND	29.77	28.79	26.80		C146 10E024 952 8

Tyco Electronics Solarlok Connector System

Authorized Distributor

Solarlok delivers a flexible system solution for easy and reliable interconnections from photovoltaic modules to the DC/AC converter. The entire system concept is based on cost effective and reliable processing of individual interconnection system components. This significantly reduces installation costs of solar energy systems. Mating safety is provided by polarity keyed housings, fully shrouded contacts, reliable high cycle life and squeeze to release connection system. In addition, a wide temperature range and fulfillment of worldwide standards for photovoltaic connection systems complement the robust product specification. **SoKlip™** ground clips are designed for solar panel grounding applications using solid uninsulated copper 10

AWG and 12 AWG. This UV resistant cable can be used in photovoltaic applications including: wire jumpers between solar panels, solar roof tiles and between panels and the AC/DC inverters.

Solar Panel Installation Identification Labels: Tyco Electronics introduces label solutions for Solar Panel Installation per the National Electric Code (NEC) specification. Labels are manufactured using ultraviolet (UV) resistant ink, permanent acrylic adhesive and base material designed to withstand environmental elements. A laminate is added to further add protection against prolonged UV exposure.

Solarlok Connectors, SoKlip™ and Module

Description	Digi-Key Part No.	1	Price Each	50	Tyco Part No.
Photovoltaic Connector, Male, Plus Coupler, 12 AWG	A98822-ND	2.83	2.63	2.29	1394461-3
Photovoltaic Connector, Male, Minus Coupler, 12 AWG	A98823-ND	2.83	2.63	2.29	1394461-4
Photovoltaic Connector, Male, Unkeyed, 12 AWG	A98824-ND	2.01	1.87	1.63	6-1394461-2
Photovoltaic Connector, Male, Plus Coupler, 10 AWG	A98825-ND	2.59	2.40	2.10	6-1394461-5
Photovoltaic Connector, Male, Minus Coupler, 10 AWG	A98826-ND	2.59	2.40	2.10	6-1394461-6
Photovoltaic Connector, Female, Plus Coupler, 12 AWG	A98827-ND	1.95	1.81	1.58	1394462-3
Photovoltaic Connector, Female, Minus Coupler, 12 AWG	A98828-ND	1.95	1.81	1.58	1394462-4
Photovoltaic Connector, Female, Plus Coupler, 10 AWG	A98829-ND	2.74	2.54	2.22	5-1394462-5
Photovoltaic Connector, Female, Minus Coupler, 10 AWG	A99115-ND	2.74	2.54	2.22	5-1394462-6
T-Branch Connector, Male to Male, Plus Keyed	A98830-ND	6.18	5.73	5.01	1534611-1
T-Branch Connector, Male to Male, Minus Keyed	A98831-ND	6.18	5.73	5.01	1534611-2
T-Branch Connector, Female to Male, Plus Keyed	A98832-ND	14.74	13.66	11.94	1740277-1
T-Branch Connector, Female to Male, Minus Keyed	A98833-ND	8.35	7.74	6.77	1740277-2
Receptacle for Inverted Converter, Male, Plus Keyed, 12 AWG	A98834-ND	2.62	2.43	2.13	1394738-3
Receptacle for Inverted Converter, Male, Minus Keyed, 12 AWG	A98835-ND	2.62	2.43	2.13	1394738-4
Solar Grounding Clip Assembly, 10 – 12 AWG	A97546-ND	3.80	3.52	3.08	1954381-1
Solarlok Module Box Assembly	A98821-ND	53.58	49.66	43.39	2-1394723-4

Solar Cables

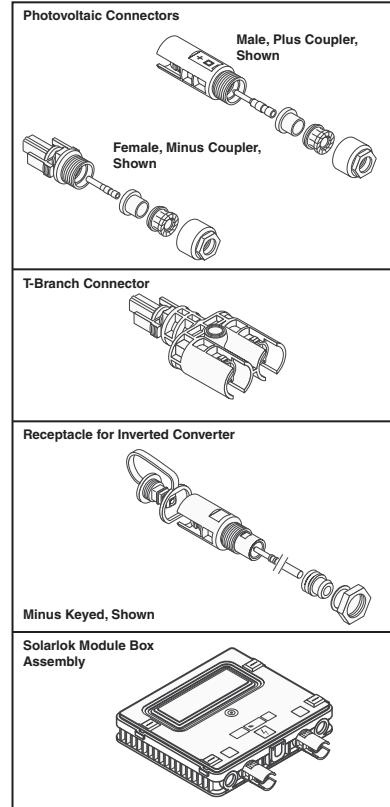
Description	Digi-Key Part No.	1	Price Each	5	10	Tyco Part No.
Solar Cable, 10 AWG, 100' length	A97543-100-ND		48.93	44.74	—	1986164-2
Solar Cable, 10 AWG, 500' length	A97543-500-ND		223.67	195.71	—	1986164-2
Solar Cable, 10 AWG, 1000' length	A97543-1000-ND		408.57	381.34	354.10	1986164-3
Solar Cable, 12 AWG, 100' length	A97544-100-ND		32.37	29.59	—	1986165-2
Solar Cable, 12 AWG, 500' length	A97544-500-ND		147.95	129.46	—	1986165-2
Solar Cable, 12 AWG, 1500' length	A97544-1500-ND		410.58	383.21	355.84	1986165-3
Solar Cable, 14 AWG, 100' length	A97545-100-ND		26.14	23.90	—	1986166-2
Solar Cable, 14 AWG, 500' length	A97545-500-ND		119.49	104.56	—	1986166-2
Solar Cable, 14 AWG, 2500' length	A97545-2500-ND		516.65	482.21	447.77	1986166-3

Crimp Tools

Description	Digi-Key Part No.	Price Each	Tyco Part No.
Hand Crimp Tool, 10 – 12 AWG	A98836-ND	195.48	1-1579004-2
Extraction Tool	A98837-ND	66.73	1102855-3

Solar Panel Installation Identification Labels

Description	Digi-Key Part No.	1	Price Each	10	100	Tyco Part No.
2 Part, DC Disconnect Warning	DCD1000-ND	1.52	1.33	1.17		SOL-DCD-104100-4-0-5
Warning - Dual Power Source	DPS1000-ND	.54	.48	.42		SOL-DPS-104019-4-0-5
Warning - Electric Shock Hazard	ESH1000-ND	.54	.48	.42		SOL-ESH-104019-4-0-5
2-Part, Solar Disconnect Label	SD1000-ND	1.42	1.23	1.09		SOL-SD-104076-4-0-5



Free shipping on orders over £50! All prices are in British pound sterling and include duties.

uk.digikey.com — FREEPHONE: 0-800-587-0991 • 0-800-904-7786 — FREEFAX: 0-800-587-0992 • 0-800-904-7783