

MODULE INTERCONNECTS

Proper connection of your solar modules to each other and to other components is crucial to the overall performance of your photovoltaic system. Without proper wiring, power from your solar array may be lost right at the source before it ever gets to your battery bank or inverter. The module interconnects and panel output cables listed below make it very easy to make clean, code-compliant, water-tight connections.

Cable Assemblies

All of these interconnects are pre-assembled, featuring tin-plated copper fork terminals crimped and soldered to #10 AWG stranded copper wire with adhesive "melt wall" shrink tubing heat sealed over the crimp connection. All cables are UL type TC, 600V, 90°C with black PVC sunlight resistant jacket and include corrosion resistant, non-metallic, liquid-tight cable strain relief connectors for half inch knockouts.

Product Name and Description	Part Number	Price
Kyocera KC65T/85T/130TM 10-2 x 30"	501116	\$23.00
Kyocera KC65T/85T/130TM 10-3 x 30"	501117	\$24.00



Two Wire Cable



Three Wire Cable

Multi-Contact Assemblies

These wire harnesses are terminated on one or both ends with UL-listed Multi-Contact (MC4) connectors. Use to extend cable from existing MC4 connectors. Cable assemblies are made with UL-listed, 600 Volt, multi-stranded, #12 AWG RHH/RHW/USE-2, outdoor-rated, sunlight-resistant cable."

Product Name and Description	Part Number	Price
Double-ended 10 ft. 12ga. MC4 extension (M/F single)	503026	\$18.00
Pair 30 in. 12ga., w/fork term. & gland (1 male MC4, 1 female MC4)	503027	\$33.00
Single-ended 30 foot 12ga MC4 extension set (cut wire one end, w/p gland) (1 Male MC4, 1 female MC4)	503029	\$48.00
Double-ended 30 foot MC4 extension (M/F single)	503028	\$24.00
Multi-Contact Branch Connectors (M/F/F) Used for paralleling modules with Multi-Contact connectors	704055	\$19.50
Multi-Contact Branch Connectors (F/M/M) Used for paralleling modules with Multi-Contact connectors	704056	\$19.50



P/N 503029



P/N 704055 & P/N 704056

High Voltage Wire Connectors

Polaris insulated wire connectors are used in the array junction box to transition from the single wire M/C connectors used in the array to conventional cable used in the home run wiring. For copper cables only, cold rated to -45C, rated 600VDC, 90C. #4 - #14 AWG.

Product Name and Description	Part Number	Price
#IT-4 2 Port wire connector	703881	\$20.00



H.V. Wire Connectors