

# Solar Energy

Wire, Cable & Wire Management Solutions





## Supplier Partners for Solar Energy Applications

3M  
AerosUSA  
Alpha Wire  
Badger Wire  
Belden  
Brady  
Burdny  
Coleman Cable  
Delfingen  
Drossbach  
DSG Canusa  
Dunbar  
General Cable  
HellermannTyton  
Heyco  
Panduit  
Sealcon  
Southwire  
Sumitomo  
Techflex

As the need for renewable solar energy continues to grow, so will the demand for quality components. The wire and cable you choose for your panels play a critical role in the reliability and performance of your system. IEWC will help you harness the power of the sun with our full line of wire, cable and wire management products for manufacturers and sub-assemblers throughout the solar industry.

### More than just your supplier, IEWC is part of *Your Team!*

For over 50 years, IEWC has worked *with* our customers to offer complete solutions for their wire, cable and wire management needs. With local expertise and a global network of distribution centers, IEWC provides the personalized service and support you need to get the job done right. Discover the difference it makes when IEWC is on “Your Team”.

### Solar Energy Applications:

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#### Panel Hookups

- Power Lead Wire
- Wire Management Products

#### Control & Monitoring Systems

- Control & Motor Supply Cable
- Instrumentation & Data Cable
- Fiber Optics
- Wire Management Products

#### Junction Box

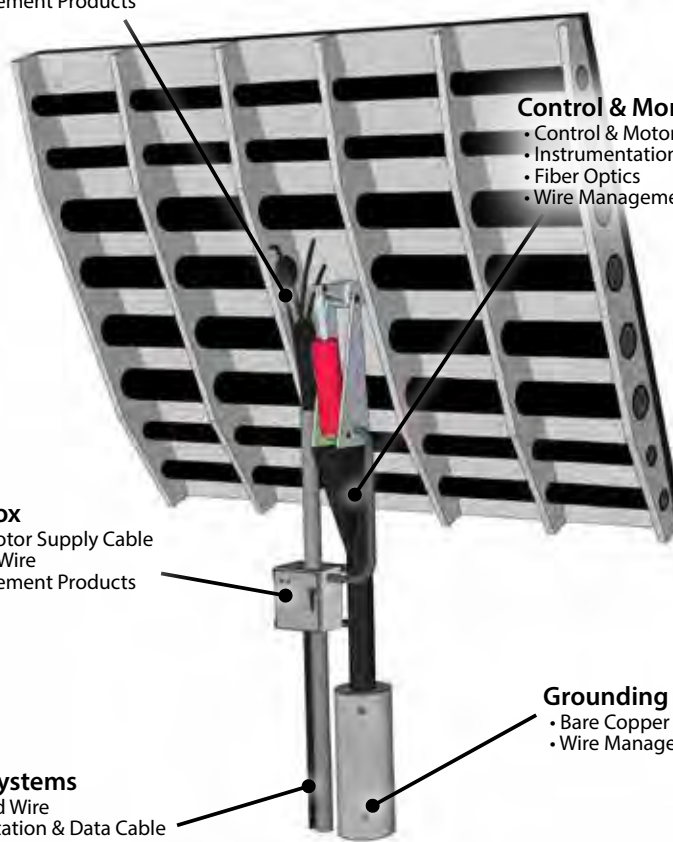
- Control & Motor Supply Cable
- Power Lead Wire
- Wire Management Products

#### Grounding Systems

- Bare Copper
- Wire Management Products

#### Inverter Systems

- Power Lead Wire
- Instrumentation & Data Cable
- Fiber Optics
- Wire Management Products





## Control & Motor Supply Cable

### TC - Tray Cable

600V, 90°C

*Multiple constructions available*

Direct Burial and Flexible constructions

Approvals: TC-ER, EPA, VW-1, FT4

### SJOOW & SOOW Portable Cord

300V & 600V, -50°C to 105°C

EPDM Insulation / CPE Jacket

Approvals: FT1

### H07RN-F Portable Cord

750V, 60°C

Rubber Insulation / Neoprene Jacket

Shielded and Flexible constructions

Approvals: <HAR>, VDE, CE

## Power Lead Wire

### UL 4703 PV Wire - EPR

600V & 2000V, 90°C

EPR Insulation / CPE Jacket

Approvals: USE-2/RHH/RHW-2, EPA, VW-1

### UL 4703 PV Wire - XLPE

600V & 2000V, 90°C

XLPE Insulation

Approvals: USE-2/RHH/RHW-2, EPA, VW-1

### UL 4703 PV Wire - LSZH

1000V, 90°C

LSZH Insulation

Low Smoke, Zero Halogen

Approvals: TÜV 2 PFG 1169, VW-1

### H05Z-K/H07Z-K Lead Wire

750V, 90°C

XLPO Insulation

Low Smoke, Zero Halogen

Approvals: <HAR>, VDE, CE

### SGT Battery Cable

80°C

PVC Insulation

Approvals: SAE J1127

### SGX Battery Cable

125°C

XLPO Insulation

Approvals: SAE J1127

### DLO - CSPE

2000V, 90°C

EPR Insulation / CSPE Jacket

Approvals: RHH/RHW, R90, VW-1, FT1

### XHHW

600V, 90°C

XLPE Insulation

Approvals: UL XHHW-2, VW-1

## Instrumentation & Data Cable

### PLTC - Power Limited Tray Cable

300V, 105°C

*Multiple constructions available*

Shielded and Flexible constructions

Approvals: EPA, FT4

## Bare Copper

*Multiple constructions available*

Solid and Stranded

Wire, Rope, Flat and Tubular constructions

Approvals: ASTM

## Fiber Optics

*Multiple constructions available*

Singlemode and Multimode

Loose Tube and Tight-Buffered

Armored, Breakout and Composite

constructions

## Wire Management Products

- Cable Ties
- Edge Clips
- Mounts & Accessories
- Lugs
- Connectors & Terminals
- Heat Shrink Tubing

- Heat Shrink Boots & Joints
- Liquid Tight Fittings & Tubing
- Convuluted Tubing & Conduit
- Cable Grips & Strain Reliefs
- Identification Products



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