

/ ALEX Single-String Solution



VOLTAGE®
ALEX

Key Features

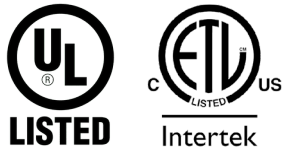
- Aluminum home run extensions that run from multi-string harnesses or modules to the end of the row.
- Customized design to accommodate site layouts.
- Significantly lowers overall budget price of the project.
- Friction welded CU-AL transitional joints used to eliminate increased oxidation caused by the surface contact of dissimilar metals.
- IP68 overmold protects the components from the environment and any occurrences that could damage the transitional joint.

Construction

- Joint: 35kV-rated with anti-oxidation and anti-corrosion joint compound.
- Mold: Weather resistant outdoor rating per UL 746C and UL 94 Flame-retardant 90°C rated.
- All major connectors available per specific design requirements.

Standards

- Certified to UL Std. 9703
- Certified to CAN/CSA Std. C22.2 #182.5 Photovoltaic Connectors
- Certified to CAN/CSA Std. C22.2 #271 Photovoltaic Cables
- Certified to CAN/CSA Std. C22.2 #198.2 Sealed Wire Connector Systems



Technical Data

Voltage Rating	2000V DC
2kV CU Conductor Isc. Range	12AWG (35A) – 6AWG (86A)
2kV AL Conductor Isc. Range	6AWG (70A) – 1AWG (86A)
Operating Temperature	-40°C ~ 90°C
Max Ambient Temperature	50°C
Connectors, Overmolds, In-line Fuses	IP68 Rated (1m/24hrs)
Dustcaps	IP65 Rated (Tested with 12.5 L/min water jet from 2.5-3m distance for 3 minutes)

Conductor Size

Copper	Aluminum
12	6
10	6
8	6
6	6
10	4
8	4
6	4
10	2
8	2
6	2
8	1
6	1





Website



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