

ACE Connector

Low Voltage Landscape Lighting Fittings

INSTALLATION INSTRUCTIONS

Important: Turn off power before installing or removing connector. Product to be used in accordance with local and national codes.

1. Prior to stripping wire, slide heat shrink onto cable.
2. (Small) Strip wires 1/2 in (12.7 mm)
(Medium) Strip wires 5/8 in (15.9 mm).
(Large) Strip wires 5/8 in (15.9 mm).
3. Align any frayed strands or conductors.
4. Place stripped wire(s) into end(s) of lug.
5. Tighten set screw with Allen wrench.
Do not over torque.
6. Position heat shrink on lug. Heat evenly with heat gun or hand held torch until sealed.
Do not reuse.

ACE CONNECTOR LOW VOLTAGE LANDSCAPE LIGHTING FITTINGS (SMALL)

Catalog #	Selling Unit
90320	Box of 50
90325	Box of 25 2 pc bags



PRODUCT SPECIFICATIONS AND MEASUREMENTS

Max. Voltage: 30 V DC/15 V AC
Max. Amperage: 25 A
Connector Size: 0.25 in x 1 in (6.3 mm x 25.4 mm)
Wire Type: Copper
Wire Range: Min #18/Max #12 Solid and Stranded
UL Designation: BLC

Measurements

A – 0.25 in B – 1.0 in
A – 6.35 mm B – 25.4 mm



Construction

Lug: Brass
Set Screw: Brass
Heat Shrink: Polyolefin with adhesive liner

Current Rating

Conductor Size (AWG)	18	16	14	12
Maximum Current (AMP)	10	13	18	25

ACE CONNECTOR LOW VOLTAGE LANDSCAPE LIGHTING FITTINGS (MEDIUM)

Catalog #	Selling Unit
90330	Box of 50
90335	Box of 25 2 pc bags



Product Specifications and Measurements

Max. Voltage: 30 V DC/15 V AC
Max. Amperage: 25 A
Connector Size: 0.38 in x 1.25 in (9.6 mm x 31.7 mm)
Wire Type: Copper
Wire Range: Min #18/Max #8 Solid and Stranded
UL Designation: BLC

Measurements

A – 0.38 in B – 1.25 in
A – 9.53 mm B – 31.75 mm



Construction

Lug: Brass Set Screw: Brass Heat Shrink: Polyolefin with adhesive liner

Current Rating

Conductor Size (AWG)	18	16	14	12	10	8
Maximum Current (AMP)	10	13	18	25	25	25

ACE CONNECTOR LOW VOLTAGE LANDSCAPE LIGHTING FITTINGS (LARGE)

Catalog #	Selling Unit
90340	Box of 50
90345	Box of 25 2 pc bags

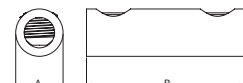


Product Specifications and Measurements

Max. Voltage: 30 V DC/15 V AC
Max. Amperage: 25 A
Connector Size: 0.48 in x 1.25 in (12.1 mm x 31.7 mm)
Wire Type: Copper
Wire Range: Min #18/Max #8 Solid and Stranded
UL Designation: BLC

Measurements

A – 0.49 in B – 1.25 in
A – 12.192 mm B – 31.75mm

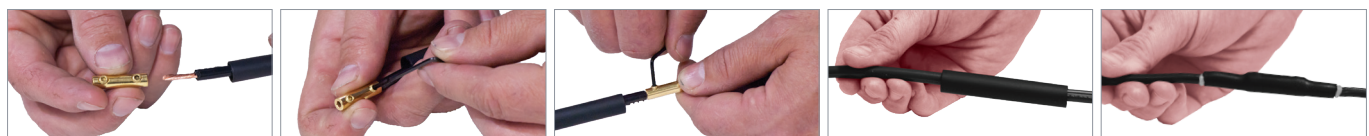


Construction

Lug: Brass Set Screw: Brass Heat Shrink: Polyolefin with adhesive liner

Current Rating

Conductor Size (AWG)	18	16	14	12	10	8
Maximum Current (AMP)	10	13	18	25	25	25



Small ACE Connector installation

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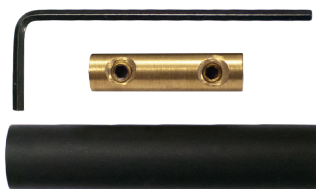
Features and Benefits

The ACE Connector is our brass screw-tight lug that creates a solid mechanical connection. This fast curing heat shrink makes it easy to get weather resistant wire connections. The ACE Connector is ideally suited for low voltage landscape lighting applications where performance and clean looks are important.

- Solid brass lug
- Fast curing heat shrink
- Weather resistant to withstand outdoor elements
- For use in low voltage landscape lighting and direct bury applications
- Set screw thread pitch allows tighter securing of wires



ACE CONNECTOR (SMALL)



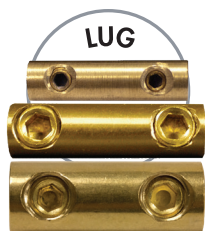
ACE CONNECTOR (MEDIUM)



ACE CONNECTOR (LARGE)



25% longer heat shrink tube that helps the entire connection resist water intrusion.



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