



# Primary Connector Kits

## Compliance and Applications

- FAA L-823, AC 150/5345-26

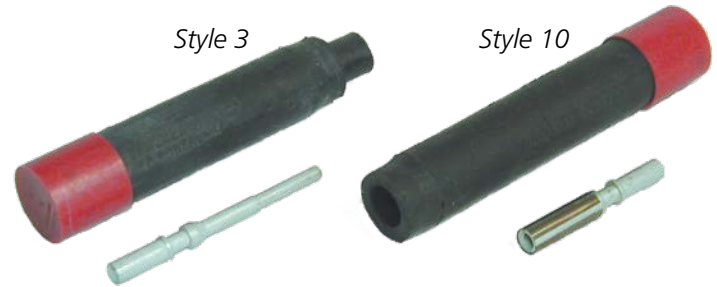
Primary connector kits are used for making serviceable water-proof splice connections of single conductor airfield lighting cable. They are also used to connect primary cable to the isolation transformer upon installation.

## Specifications

- Molded in synthetic rubber for watertight connections
- Connector kit includes: male pin and housing (Style 3), female pin and housing (Style 10) and instruction sheet
- One kit required for each splice or transformer installed
- Rated 25A, 5,000V

## Ordering Codes

| FAA Listing        | Cable | Min. Wire OD | Max. Wire OD | Part #       |
|--------------------|-------|--------------|--------------|--------------|
| L-823 Style 3 & 10 | 8 AWG | .320         | .430         | TRC-11174-01 |
| L-823 Style 3 & 10 | 8 AWG | .410         | .585         | TRC-11174-05 |
| L-823 Style 3 & 10 | 6 AWG | .320         | .430         | TRC-11174-04 |
| L-823 Style 3 & 10 | 6 AWG | .410         | .585         | TRC-11174-02 |



FAA L-823 Primary Connector Kits

# Secondary Cable Leads

## Compliance and Applications

- FAA L-823, AC 150/5345-26

Secondary cable leads are designed for approach, taxiway, runway and sign lamps. They can be built to fit any lamp voltage, cable type or length specification.

## Specifications

- Molded in synthetic or thermoplastic rubber compounds for dielectric strength
- Leads can be manufactured with Quick Disconnect Terminals, Insulated Forks, Stripped Wires or other terminations
- Leads manufactured using a number of cable configurations with varying voltage ratings (call for cables not shown):

| Cable Type     | Voltage  |
|----------------|----------|
| 16/1 - 2 wires | 600 Volt |
| 16/2 - 1 wire  | 600 Volt |

## Ordering Codes

| FAA   | AWG | Cable(s) | Conductors Per Cable | Description | Part #          |
|-------|-----|----------|----------------------|-------------|-----------------|
| L-823 | 16  | 2        | 1                    | TPR Wire    | TRC-1051801031* |
| L-823 | 16  | 1        | 2                    | TPR Wire    | TRC-10518114D02 |

\* 31" long; special order additional lengths (specify in inches)



FAA L-823 Secondary Cable Leads



# Secondary Connector Kits

## Compliance and Applications

- FAA L-823, AC 150/5345-26

Secondary Connector Kits are used to make serviceable in-field splice connections on both single wires (Style 4 and Style 11) and two conductor cable (Style 5 and Style 12) in secondary lighting circuits. They can be used to assemble a secondary extension, terminate a fixture lead, or connect a transformer secondary lead.

## Specifications

- Rated 20 Amps and 600 Volts
- Molded in thermoplastic rubber for superior dielectric strength, and to ensure watertight connections in the field
- Each kit comes with a molded male or female connector and connector housing, as well as an instruction sheet and grease packet for easy installation

## Ordering Codes

| FAA Listing    | Cable     | Min. OD | Max. OD | Part #   |
|----------------|-----------|---------|---------|----------|
| L-823 Style 4  | 10-12 AWG | .110"   | .200"   | 11254-11 |
| L-823 Style 4  | 10-12 AWG | .160"   | .250"   | 11254-21 |
| L-823 Style 4  | 14-16 AWG | .110"   | .200"   | 11254-12 |
| L-823 Style 4  | 14-16 AWG | .160"   | .250"   | 11254-22 |
| L-823 Style 11 | 10-12 AWG | .110"   | .200"   | 11255-11 |
| L-823 Style 11 | 10-12 AWG | .160"   | .250"   | 11255-21 |
| L-823 Style 11 | 14-16 AWG | .110"   | .200"   | 11255-12 |
| L-823 Style 11 | 14-16 AWG | .160"   | .250"   | 11255-22 |

- 11254-XX: Style 4 Male - two wires
- 11255-XX: Style 11 Female - two wires

# Secondary Extension Cords

## Compliance and Applications

- FAA L-823, AC 150/5345-26

Secondary extension cords are used for making long distance above or below ground connections between isolation transformers and taxiway, runway, or sign lights.

## Specifications

- Molded in thermoplastic rubber for durability and dielectric strength
- Comes with Style 1 male lead and Style 7 or 8 female receptacle
- Style 7 or 8 female receptacle mates with fixture leads (Style 1 and 6) or male secondary kits (Style 4 and 5); Style 1 male lead mates with the transformer or extension secondary (Style 7 and 8) or female secondary kits (Style 11 and 12)
- Style 7 (straight design) is used for above ground applications
- Style 8 (ball design) is used where strain relief is required



FAA L-823  
Secondary Connector Kits  
Style 4 and 11

FAA L-823  
Secondary Connector Kits  
Style 5 and 12

| FAA Listing    | Cable     | Min. OD | Max. OD | Part #   |
|----------------|-----------|---------|---------|----------|
| L-823 Style 5  | 10-12 AWG | .415"   | .500"   | 11432-31 |
| L-823 Style 5  | 10-12 AWG | .510"   | .600"   | 11432-41 |
| L-823 Style 5  | 14-16 AWG | .415"   | .500"   | 11432-32 |
| L-823 Style 5  | 14-16 AWG | .510"   | .600"   | 11432-42 |
| L-823 Style 12 | 10-12 AWG | .415"   | .500"   | 11433-31 |
| L-823 Style 12 | 10-12 AWG | .510"   | .600"   | 11433-41 |
| L-823 Style 12 | 14-16 AWG | .415"   | .500"   | 11433-32 |
| L-823 Style 12 | 14-16 AWG | .510"   | .600"   | 11433-42 |

- 11432-XX: Style 5 Male - two conductor cable
- 11433-XX: Style 12 Female - two conductor cable



FAA L-823 Secondary Extension Cords

## Ordering Codes

| FAA   | Cord Style  | Description                 | Part #        |
|-------|-------------|-----------------------------|---------------|
| L-823 | Style 1 & 7 | Style 1 & 7 Ext on 16/2 TPR | 11326-06-XXX* |
| L-823 | Style 1 & 7 | Style 1 & 7 Ext on 12/2 TPR | 11326-07-XXX* |
| L-823 | Style 1 & 7 | Style 1 & 7 Ext on 14/2 TPR | 11326-08-XXX* |
| L-823 | Style 1 & 8 | Style 1 & 8 Ext on 16/2 TPR | 11339-06-XXX* |
| L-823 | Style 1 & 8 | Style 1 & 8 Ext on 12/2 TPR | 11339-07-XXX* |
| L-823 | Style 1 & 8 | Style 1 & 8 Ext on 14/2 TPR | 11339-08-XXX* |

\* XXX: Specify length in inches

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