Primary Connector Kits

Compliance and Applications

• FAA L-823, AC 150/5345-26

Primary connector kits are used for making serviceable waterproof 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

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

with varying voltage ratings (call for cables not shown):

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

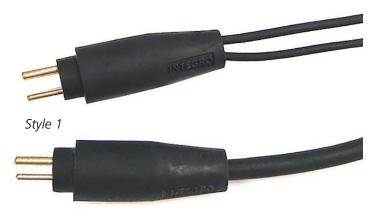
Ordering Codes

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&}quot; long; special order additional lengths (specify in inches)



FAA L-823 Primary Connector Kits



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



FAA L-823 Secondary Connector Kits Style 4 and 11



FAA L-823 Secondary Connector Kits Style 5 and 12

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

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

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 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

- +1.800.806.3548 USA
- +1.916.394.2800 Worldwide
- +1.916.394.2809 Fax