



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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