



Flight Light Inc.
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**AMERACE or INTEGRO
Primary Connector Kits and
Secondary Cable Leads FAA L-823**

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

**Primary Connector Kit
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.



Integro FAA L-823 Primary Connector Kit shown.

Ordering Information:

FAA Designation	Cable	Min. Wire OD	Max. Wire OD	Part #
L823 Style 3 & 10	8 AWG	.238	.273	TRC-C4-C4
L823 Style 3 & 10	8 AWG	.320	.430	TRC-D4-D4
L823 Style 3 & 10	8 AWG	.410	.585	TRC-E4-E4
L823 Style 3 & 10	6 AWG	.320	.430	TRC-D3-D3
L823 Style 3 & 10	6 AWG	.410	.585	TRC-E3-E3
L823 Style 3 & 10	6 AWG	.575	.785	TRC-F3-F3

**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.

- Leads manufactured using a number of cable configurations with varying voltage ratings:

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

* Call for other cables not shown.



FAA L-823 Secondary Cable Leads (Integro lead shown.)

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.

Typical Configuration:

FAA	AWG	Cable(s)	Conductors Per Cable	Descript.	Part #
L823	16	2	1	TPR Wire	TRC-1051801031**
L823	16	1	2	TPR Wire	TRC-10518114D02

** 31" long. Special order additional lengths (specify length in inches).

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AMERACE or INTEGRO
Secondary Connector Kits and
Secondary Extension Cords FAA L-823

Secondary Connector Kit
Compliance and Applications

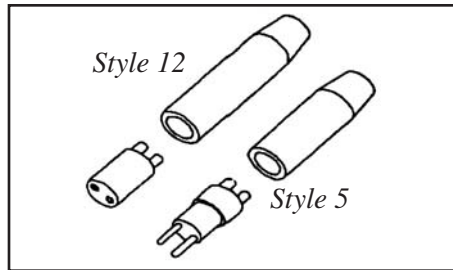
FAA L-823, AC 150/5345-26

Secondary connector kits are used to make field splices on wire or two-conductor cable in secondary lighting circuits. They can be used to assemble a secondary extension, terminate a fixture lead, or connect to a transformer secondary lead.

- Connector kit includes: male (Style 4 or 5) or female (Style 11 or 12) molded contact assembly, connector housings, instruction sheet, grease packet for installation.
- Rated to 20A, 600V.



FAA L-823 Secondary Connector Kit, Style 4 and 11.



FAA L-823 Secondary Connector Kit, Style 5 and 12.

Specifications

- Molded in synthetic rubber for watertight connections. Bodies are made to accommodate two single wires or two-conductor cable.

Ordering Information:

FAA	Designation/Application*	Conductor Size	Part Number
L823	Style 4 male (field replacement for Style 1)	10-12 AWG	TRC-90P-A6
L823	Style 4 male (field replacement for Style 1)	14-16 AWG	TRC-90P-A8
L823	Style 11 female (field replacement for Style 7)	10-12 AWG	TRC-90R-A6
L823	Style 11 female (field replacement for Style 7)	14-16 AWG	TRC-90R-A8

* Call for connector styles not listed.

Secondary Extension Cord
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.

- May be molded to your specified cable to meet length and conductor size requirements.
- Style 7 or 8 female mates with fixture leads (Style 1 and 6) or male secondary kits (Style 4 and 5). Style 1 male mates with the transformer or extension secondary (Style 7 and 8) or female secondary kits (Style 11 and 12).
- Rated max 20A, 600V.



FAA L-823 Secondary Extension Cord

Specifications

- Molded in synthetic rubber for durability and dielectric strength.

Ordering Information:

FAA Designation	Description	Part #**
L823 Style 1 & 8	Style 1 and 8 ext. molded on two-cond. #12 600V cable	TRC-95MPR8G**
L823 Style 1 & 8	Style 1 and 8 ext. molded on two-cond. #16 600V cable	TRC-95MPR8I**

** Specify length in meters.

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