



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806



**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

**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 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.

Ordering Information:

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

- 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 Information

11254-XX: Style 4 Male - two wires
 11255-XX: Style 11 Female - two wires
 11432-XX: Style 5 Male - two conductor cable
 11433-XX: Style 12 Female - two conductor cable
 (XX - Size Code)



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.

Specifications

- Molded in synthetic rubber for durability and dielectric strength.
- 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.

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**



FAA L-823 Secondary Extension Cord

** Specify length in meters.

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