

L-823 Style 1 Fixture Leads



Ordering Information: **10518 - XX - YYY**
 XX - Cable Type (If Metric - 1XX)
 YYY - Length in Inches (If Metric - YYY - Length in Meters)

FAA Listing	Integro Part #	Brief Description
L-823	10518-01-YYY	2 x 16/1
	10518-18-YYY	16/2 (300V)
	10518-17-YYY	12/2
	10518-16-YYY	14/2
	10518-14-YYY	16/2

L823 Style 6 Mini Fixture Leads - Rated 20A, 600V
 2 x 16/1 TPV 11155-03-YYY

Application

Integro Style 1 Fixture Leads are designed to be an FAA Approved Secondary Plug for all lights used on an airfield runway. They are used with approach, taxiway centerline and edgeway, runway centerline and edgeway, touch down zone and sign lights. They typically come installed on a purchased light, but can also be bought separately for in-field installation. Our Style 1 Fixture Leads can be manufactured to fit any lamp voltage, cable type, length or other special requirements.

Where They are Used

Integro Style 1 Fixture Leads are factory installed, and preferred worldwide by most airfield light manufacturers in the United States and Europe. Replacement leads have also been sent to the field and installed at airports throughout the world.

Approvals

Integro Style 1 Fixture Leads are approved to the FAA L-823 specification and are certified by Intertek Testing Labs to FAA Advisory Circular 150/5345-26.

Design

Integro Style 1 Fixture Leads are molded in thermoplastic rubber for superior durability and dielectric strength. They are built using a number of cable configurations with varying voltage and temperature ratings. **Integro** Style 1 Fixture Leads can be made blunt cut, with stripped cable and wires, with quick disconnect or insulated fork terminals, or to other customer required specifications.



L-823 Secondary Leads – Style 7 and Style 8



Ordering Information:

10519 - XX - YYY Style 7 Receptacle
 XX - Cable Type (If Metric - 1XX)
 YYY - Length in Inches (If Metric - YYY - Length in Meters)

FAA Listing	Integro Part #	Brief Description
L-823 Style 7	10519-07-YYY	Style 7 on 16/2
	10519-08-YYY	Style 7 on 12/2

Application

Integro Secondary Receptacles are used for custom installations that require a connection to secondary power circuits using either a factory molded L-823 Style 7 (Straight Design) or a Style 8 (Ball Design) female connector.

Design

Integro Secondary Receptacles are molded in thermoplastic rubber for superior durability and dielectric strength. Both the Style 7 and Style 8 connectors are designed to mate with Style 1 or Style 6 factory molded plugs, as well as an in-field Style 4 or Style 5 spliced plugs. They are rated 20 Amps and 600 Volts.

Approvals

Integro Secondary Receptacles are approved to the FAA L-823 specification and are certified by ITS Testing Labs to FAA Advisory Circular 150/5345-26.

Ordering Information:

10875 - XX - YYY Style 8 Receptacle
 XX - Cable Type (If Metric - 1XX)
 YYY - Length in Inches (If Metric - YYY - Length in Meters)

FAA Listing	Integro Part #	Brief Description
L-823 Style 8	10875-05-YYY	Style 8 on 12/2

Secondary Extension Cords



Secondary Extension (Style 1 and Style 7)
Ordering Information: **11326 - XX - YYY**

XX - Cable Type (If Metric – 1XX)
YYY - Length in Inches (If Metric – YYY – Length in Meters)

FAA Listing	Integro Part #	Brief Description
L-823	11326-06-YYY	Style 1 & 7 Ext on 16/2 TPR
Style 1 and 7	11326-07-YYY	Style 1 & 7 Ext on 12/2 TPR
	11326-08-YYY	Style 1 & 7 Ext on 14/2 TPR

Application / Design

Integro Secondary Extension Cords are used for making above or below ground connections between taxiway, runway and sign lights, PAPI's, VASI's and other specialty lights, and the Series Isolation Transformer, where they are located at different positions on the airport runway.

Integro Secondary Extension Cords are molded in thermoplastic rubber for superior durability and dielectric strength. They come with an L-823 Style 1 male Fixture Lead on one end and either an L-823 Style 7 (Straight Design) or an L-823 Style 8 (Ball Design) female Receptacle on the other end. The Style 7 model is generally used for above ground applications, while the Style 8 model is used for applications where strain relief is required. Both female ends are designed to mate with an L823 Style 1 Fixture Lead.

Secondary Extension (Style 1 and Style 8)
Ordering Information: **11339 - XX - YYY**

XX - Cable Type (If Metric – 1XX)
YYY - Length in Inches (If Metric – YYY – Length in Meters)

FAA Listing	Integro Part #	Brief Description
L-823	11339-06-YYY	Style 1 & 8 on 16/2 TPR
Style 1 and 8	11339-07-YYY	Style 1 & 8 on 12/2 TPR
	11339-08-YYY	Style 1 & 8 on 14/2 TPR

L-823 Primary Leads – Style 2 and Style 9



Ordering Information:

Base Part # **10949, 10950, 11551**
Cable - #8 AWG **-01** **-101** (If Metric)
Length **-YYY** (Inches) **-YYY** (Meters)

Application

Integro Primary Leads are used for custom installations that require connection to primary power circuits using a factory molded L-823 Style 2 male, or Style 9 female connector. Both connectors are molded to #8 AWG Airport Lighting Cable.

Design

Integro Primary Leads are molded in thermoplastic rubber for superior durability and dielectric strength. They can be manufactured as blunt cut pigtails, or as extensions. Both Style 2 and Style 9 connectors are rated 25 Amps and 5,000 Volts.

Approvals

Integro Primary Leads are approved to the FAA L-823 specification and are certified by ITS Testing Labs to FAA Advisory Circular 150/5345-26.

FAA Listing	Integro Part #	Brief Description
L-823	10949-02-YYY	Style 2 male Pigtail on 8/1
Style 2 and 9	10950-02-YYY	Style 9 female Pigtail on 8/1
	11551-02-YYY	Style 2 & 9 Extension on 8/1