

# Secondary Connector Kits

**Compliances: FAA AC 150/5345-26: L-823**  
**ICAO Annex 14**  
**USAF Regulation 88-14**  
**USN NAVAIR 51-50AAA-2**  
**NATO STANAG 3316**



## Applications

### Secondary Plug Kit Type 823KS-0P

Designed to meet FAA Specification L-823, style 4, each kit forms a plug for two single conductor cables for connection to a secondary receptacle kit or to an isolation transformer. Both cables must be the same size.



### Secondary Receptacle Kit Type 823KS-0R

Designed to meet FAA Specification L-823, style 11, each kit forms a receptacle for two single conductor cables for connection to a secondary plug kit. Both cables must be the same size.



### Secondary Plug Kit Type 823KS-1P

Designed to meet FAA Specification L-823, style 5, each kit forms a plug for a two conductor cable for connection to a secondary receptacle kit or an isolation transformer.



### Secondary Receptacle Kit Type 823KS-1R

Designed to meet FAA Specification L-823, style 12, each kit forms a receptacle for a two conductor cable for connection to a secondary plug kit.



### FAA APPROVAL

Connector kits will be supplied from approved sources as listed in FAA AC 150/5345-1 latest issue. Secondary kits are manufactured by Crouse-Hinds or Elastimold.

## Ordering Information

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**FAA Specification L-823** \_\_\_\_\_  
**Kit, Secondary Type** \_\_\_\_\_  
**Cable Type:** \_\_\_\_\_  
 0 = Two 1-Conductor  
 1 = One 2-Conductor  
**Kit Type:** \_\_\_\_\_  
 P = Plug  
 R = Receptacle  
**Cable Size\*** \_\_\_\_\_  
**Conductor Size\*\*** \_\_\_\_\_

* Cable Size Table					
Cable Outside Diameter				Size Symbol	Cable Type
Minimum		Maximum			
mm	inches	mm	inches		
3	.120	4	.160	S	0
3.9	.155	5.2	.205	A	0
5.0	.195	6.6	.260	B	0
6.4	.250	8.4	.330	C	0
8.1	.320	10.9	.430	D	1
10.7	.420	14.9	.585	E	1
14.6	.575	19.9	.785	F	1

** Conductor Size Table				
Conductor Size AWG				Size Symbol
Concentric Stranded		Solid		
2 mm <sup>2</sup>	14-16	3 mm <sup>2</sup>	12-14	8
4 mm <sup>2</sup>	10-12	6 mm <sup>2</sup>	8-10	6
6 mm <sup>2</sup>	8	10 mm <sup>2</sup>	6	4