

Producer

- EFLA FINLANDIA

Application

- secondary connectors for airport cables

Certificate basis

- FAA AC 150/5345-26C

Description/properties

Construction pins and sockets

- the material of the contact parts is of tin-plated copper or brass
- on request available also nickel plated contact parts.

Housing

- the plug and receptacle insulation is made of TPE (thermoplastic elastomer) with excellent environmental resistance and good fluid resistance, capable to withstand attack from chemicals typically present on the airfield
- the insulation also withstands exposure to UV-radiation and ozone

Electrical parameters

- current rating 20 A
- voltage rating 600 V

Packing material

- the packing material is recyclable
- carton
- each connector kit is individually packed in low density polyethylene (LDPE) plastic bag, each kit contains:
 - 1 plug or receptacle housing
 - 1 body of metal connectors
 - 2 pin or socket connectors
 - silicone grease
 - detent part for locking the metal parts
 - cleaning cloth
 - installation instructions

Connector KD 508

- a receptacle in accordance with FAA L-823, Style 8 is attained by using KD 502 -series receptacle with PMR 755 sealing unit
- sealing unit PMR 755 can also be used with EFLA plugs



Technical parameters

KD 501 and KD 502 - series for two-core cables

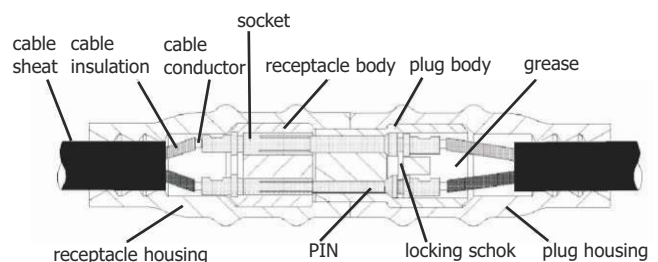
Plug	FAA L-823	Conductor size	Cable diameter
KD 501	style 5	1,5 - 2,5 mm ²	8.5 - 13.5 mm
KD 501.1	style 5	4,0 - 6,0 mm ²	11.5 - 18.0 mm
KD 501.2	style 5	4,0 - 6,0 mm ²	8.5 - 13.5 mm

Receptacle	FAA L-823	Conductor size	Cable diameter
KD 502	style 12	1,5 - 2,5 mm ²	8.5 - 13.5 mm
KD 502.1	style 12	4,0 - 6,0 mm ²	11.5 - 18.0 mm
KD 502.2	style 12	4,0 - 6,0 mm ²	8.5 - 13.5 mm

KD 503 and KD 503/R - series for two single wires

Plug	FAA L-823	Conductor size	Cable diameter
KD 503	style 4	1.5 - 2.5 mm ²	2.8 - 4.0 mm (x 2)
KD 503.1	style 4	4.0 - 6.0 mm ²	3.8 - 5.5 mm (x 2)
KD 503.2	style 4	4.0 - 6.0 mm ²	2.8 - 4.0 mm (x 2)
KD 503.3	style 4	4.0 - 6.0 mm ²	5.0 - 8.0 mm (x 2)

Receptacle	FAA L-823	Conductor size	Cable diameter
KD 503/R	style 11	1.5 - 2.5 mm ²	2.8 - 4.0 mm (x 2)
KD 503.1/R	style 11	4.0 - 6.0 mm ²	3.8 - 5.5 mm (x 2)
KD 503.2/R	style 11	4.0 - 6.0 mm ²	2.8 - 4.0 mm (x 2)
KD 503.3/R	style 11	4.0 - 6.0 mm ²	5.0 - 8.0 mm (x 2)



We reserve the right to change design or specification data without notice