

Producer EFLA FINLADIA

Application

- for screened (shielded) cable (series KD 500)
- for unscreened (unshielded) cable (série KD 510)

Certificate basis

- FAA AC 150/5345-26C

Description/properties

Construction pins and socket

- the material of the contact parts is of tin-plated copper or brass
- the socket is supplied with copper beryllium sleeve type spring assuring excellent contact pressure
- 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 25 A
- voltage rating 5000 V

Packing material

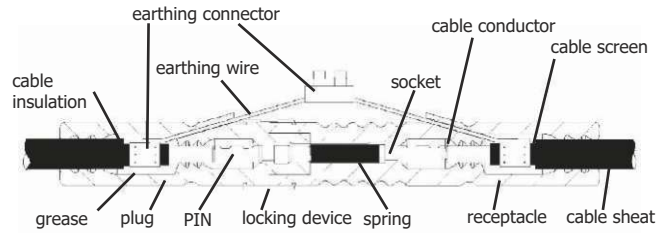
- the connectors are packed in recyclable cartons
- each connector kit is individually packed in low density polyethylene (LDPE) plastic bag and contains:
 - 1 pair of plug and receptacle housings
 - 1 pair of pin and socket connectors
 - 1 locking device (polypropylene)

Technical parameters

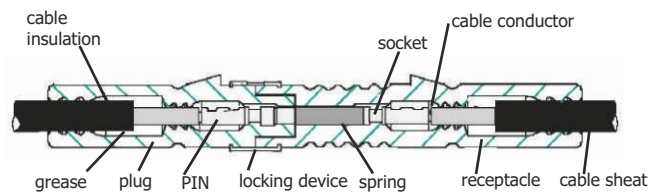
Screened cable	Unscreened cable	FAAL-823	Conductor size mm ²	Conductor size AWG	Cable diameter	Diameter of cable insulation
KD 500	KD 510	Style 3, Style 10	6	AWG 8 (up to 19 stands)	10,0 - 14,5 mm	7,0 - 10,5 mm
KD 500.1	KD 510.1	Style 3, Style 10	6	AWG 8 (up to 19 stands)	14,0-18,5 mm	10,0 - 13,5 mm
KD 500.2	KD 510.2	Style 3, Style 10	1	AWG 6	14,0- 18,5 mm	10,0- 13,5 mm
KD 500.3	KD 510.3	Style 3, Style 10	6	AWG 8 (up to 19 stands)	18,0-22,0 mm	12,5 - 16,0 mm
KD 500.4	KD 510.4	Style 3, Style 10	10	AWG 6	18,0-22,0 mm	12,5 - 16,0 mm
KD 500.5	KD 510.5	Style 3, Style 10	10	AWG 6	10,0 - 14,5 mm	7,0- 10,5 mm
KD 500.6	KD 510.6	Style 3, Style 10	6	AWG 8 (up to 19 stands)	8,5 - 11,5 mm	5,0 - 7,5 mm



KD 500 (screened cable)



KD 510 (unscreened cable)



- silicone grease (inside the housing)
- guiding pin for receptacle (PA or PP)
- cleaning cloth, installation instructions
- addition in series KD 500:
 - 2 earthing connectors (tin-plated brass) with 350 mm long 2,5 sqmm copper wires
 - 1 earthing connector with 2 screws (nickel-plated brass); connector housing of polyamide 6.6.

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