

# Product Datasheet

## KD500 & KD510

### AGL Primary Connector Kits

FAA AC 5345-47, L-823

Styles 3 and 10, Class B

#### KD500 for screened cable



#### KD510 for unscreened cable



#### Dimensional Data

EFLA Type	Conductor size [mm <sup>2</sup> ]	AWG	Cable diameter [mm, inch]	Diameter at wire insulation [mm, inch]	Diameter/Length of assembly [mm, inch]
KD500	6	8**	10.0 – 14.5 mm, 0.393 – 0.570"	7.0 – 10.5 mm, 0.275 – 0.413"	23.5/222 mm, 0.925/8.74"
KD500.1	6	8**	14.0 – 18.5 mm, 0.551 – 0.728"	10.0 – 13.5 mm, 0.393 – 0.531"	23.5/222 mm, 0.925/8.74"
KD500.6	6	8**	8.5 – 11.5 mm, 0.334 – 0.452"	5.0 – 7.5 mm, 0.196 – 0.295"	23.5/222 mm, 0.925/8.74"
KD500.2	10*	6	14.0 – 18.5 mm, 0.551 – 0.728"	10.0 – 13.5 mm, 0.393 – 0.531"	23.5/222 mm, 0.925/8.74"
KD500.5	10*	6	10.0 – 14.5 mm, 0.393 – 0.570"	7.0 – 10.5 mm, 0.275 – 0.413"	23.5/222 mm, 0.925/8.74"
KD510	6	8**	10.0 – 14.5 mm, 0.393 – 0.570"	7.0 – 10.5 mm, 0.275 – 0.413"	23.5/222 mm, 0.925/8.74"
KD510.1	6	8**	14.0 – 18.5 mm, 0.551 – 0.728"	10.0 – 13.5 mm, 0.393 – 0.531"	23.5/222 mm, 0.925/8.74"
KD510.6	6	8**	8.5 – 11.5 mm, 0.334 – 0.452"	5.0 – 7.5 mm, 0.196 – 0.295"	23.5/222 mm, 0.925/8.74"
KD510.2	10*	6	14.0 – 18.5 mm, 0.551 – 0.728"	10.0 – 13.5 mm, 0.393 – 0.531"	23.5/222 mm, 0.925/8.74"
KD510.5	10*	6	10.0 – 14.5 mm, 0.393 – 0.570"	7.0 – 10.5 mm, 0.275 – 0.413"	23.5/222 mm, 0.925/8.74"

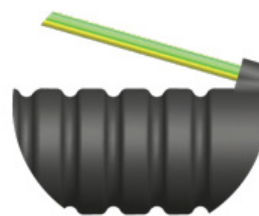
\*16 mm<sup>2</sup> stranded, \*\*up to 19 strands

## Screen continuity – KD500

The standard screen continuity for KD500 is a 300 mm long, 2.5 mm<sup>2</sup> tinned copper wire. Optionally, can be supplied with insulated screen continuity in yellow-green (EFLA Type: KD500.X/YG).



KD500



KD500/YG

## Use proper crimping tools

- Elpress EWB 4099C
- KLAUKE K05/6
- KLAUKE K24
- KLAUKE K18

EFLA is the leading manufacturer of high-quality series isolating transformers, connector kits and prefabricated cable assemblies for Airfield Ground Lightning. EFLA offers a broad range of standard products as well as customized solutions. EFLA products have been manufactured for over 30 years in Finland. EFLA is an ISO 9001 and ISO 14001 certified company.



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EFLA OY Kipinätie 3 • FI-06150 Porvoo, Finland • tel +358 (0)204 76 21 • fax +358 (0)204 76 2758 • [www.efla.net](http://www.efla.net)