

KDC501, -502, -507 & -508

Prefabricated Secondary Leads with two core cable

FAA AC5345-26, L-823
Class A, Type I & II

KDC501



KDC502



KDC507



KDC508



KDCE501



Extension cords:

The types above can be made to a specific length, with plug on one end and receptacle on the other. For example KDCE501.4.3000 (4 mm² and 30 m).

Wire information

EFLA Type	Diameter of insulation (mm, approx.)	Outer diameter (mm)	Max. conductor resistance at 20 °C (ohm/km)
2x1.5 mm ²	0.8	8.5 ± 0.3	13.7
2.5 mm ²	3.7	9.7 ± 0.3	7.98
4 mm ²	4.6	11.7 ± 0.1	4.98

Cable information for secondary leads

- Two core cable
- Dual insulation: EPR-insulated & TPE-sheathed
- Core insulation: special EPR compound
- Outer sheath: halogen free TPR compound (IEC 60752-2 / EN 50267-2-3)
- Copper conductors, Class 5 (IEC 60228)
- Size options: 1.5 mm², 2.5 mm², 4 mm²
- Nominal voltage: 600 V
- Temperature range: -40 to +120°C (-40 to 248 °F)
- Short term short circuit temperature resistance 300°C (570°F)
- Bending radius: 5D
- FAA L-824 certified
- Fulfills specifications: MIL-C-3432, MIL-C-4921 & ICEA S-66-524

Free end of the leads

The standard free end is sheath stripping of 5 cm. The following connectors are available.

		EFLA type
	2 pcs 1.5-2.5 mm ² 6.3 mm flat connectors, uninsulated	KDCO1
	2 pcs 1.5-2.5 mm ² 6.3 mm flat connectors with common insulator	KDCO2
	2 pcs 1.5-2.5 mm ² 6.3 mm flat connectors with single insulators	KDCO3
	2 pcs 2.5 mm ² M4 cable shoes	KDCO10
	2 pcs 1.5 – 2.5 mm ² M6 cable shoes	KDCO11
	2 pcs 0.5 – 1.5 mm ² M4 cable shoes	KDCO12
	2 pcs 1.5 – 2.5 mm ² M5 cable shoes	KDCO13
	2 pcs 0.75-1.5 mm ² flat connectors, uninsulated	KDCO14
	2 pcs 1.5 mm ² flag connectors, uninsulated	KDCO15
	2 pcs 1.5-2.5 mm ² flag connectors, uninsulated	KDCO16
	2 pcs 1.0-1.5 mm ² flag connectors, uninsulated	KDCO17
	2 pcs 1.5 mm ² insulated flag connectors	KDCO18
	2 pcs 1.5-2.5 mm ² wire-end claws	KDCO19

Ordering information

KDC50X . X . X . X

EFLA type			Cable cross section		Cable length = X	
KDC501	secondary plug	Style 1	1	1.5 mm ²	Standard lengths	Customized lengths, for example
KDC502	secondary receptacle	Style 7	2	2.5 mm ²		
KDC507	secondary receptacle	Style 7	4	4 mm ²	30 (cm)	5 (cm)
KDC508	secondary receptacle	Style 8			60 (cm)	10 (cm)
					100 (cm)	1000 (cm)
					150 (cm)	5000 (cm)



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EFLA shields electrical connections – especially in the most demanding environments. We manufacture highly specialized components including transformers, connector kits, encapsulated electronics components and prefabricated cable assemblies for airfield ground lighting and other applications. Our story began over 30 years ago in Finland in northern Europe. Today we are one of the largest suppliers in this niche field with a true global footprint covering all continents. Our products can be found on most international airports around the world.

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