FAA Cables

Secondary Leads

Prefabricated Leads

Secondary leads are used for connecting the transformer and the secondary circuit. Secondary leads with double insulated two core cable provides unique dielectric strength for secondary circuit, since cable's outer sheath and all connections are made from same thermoplastic elastomer (TPE/PUR). Secondary leads are delivered either in prefabricated leads or in extension cords. Secondary leads are available with various cable diameter and with frangible break-away feature.

Available styles :

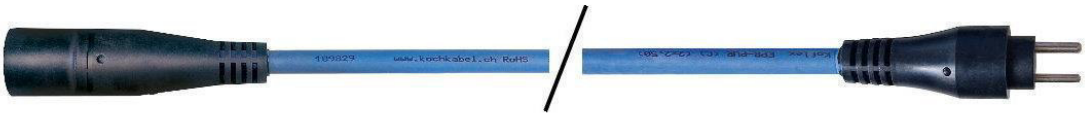
-	Style 1, 2 pin	male	
-	Style 1, 3 pin	male	for shielded cables, shield on pin 3
-	Style 7, 2 pin	female	
-	Style 7, 3 pin	female	for shielded cables, shield on pin 3
-	Style 8, 2 pin	female	

FAA Cables

Secondary Leads

Prefabricated Leads

Also available as extension cords (male – female) in custom made lengths.



FAA Cables

Secondary Leads

Prefabricated Leads

Available cables for seconday leads :

Jacket TEP/PUR	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCL5/PP	2x2.5	9.8	108	7.41	26
BCL5/PP	2x4	10.4	148	4.61	40
BCL5/PP/TCUB	2x2.5	8.9	158	7.41	26
BCL5/PP/TCUB	3x2.50	10.9	172	7.41	26
BCL5/PP/TCUB	2x4	11.5	185	4.61	40
Jacket Silicon (+180°C)					
BCL5/SI	2x1.50	7.6	82	12.1	20

Legend:

BCL5	Bare copper conductor class 5
PP	Polypropylene material
TPE	Thermoplastic elastomere material
PUR	Polyurethane
SI	Silicon
TCUB	Tinned copper wire braiding

FAA Cables

Secondary Leads

Connectors for manual assembly

KFA201/202 for Two Core Cable

KFA201-series (Plug)

KFA202-series (Receptacle)

KFA303P/304R for Three Core Cable

KFA303P-series (Plug)

KFA304R-series (Receptacle)

2 cores cable	3 pole secondary cables	Type	Conductor size	AWG	Cable diameter	In inches
KFA201	KFA303P	Plug	1.5–2.5 mm²	16–14	8.5–13.5 mm	0.334–0.531
KFA201.1	KFA303P.1	Plug	4.0–6.0 mm²	12–10/8	11.5–18.0 mm	0.157–0.708
KFA201.2	KFA303P.2	Plug	4.0–6.0 mm²	12–10/8	8.5–13.5 mm	0.334–0.531
KFA202	KFA304R	Receptacle	1.5–2.5 mm²	16–14	8.5–13.5 mm	0.334–0.531
KFA202.1	KFA304R.1	Receptacle	4.0–6.0 mm²	12–10/8	11.5–18.0 mm	0.157–0.708
KFA202.2	KFA304R.2	Receptacle	4.0–6.0 mm²	12–10/8	8.5–13.5 mm	0.334–0.531

Secondary Leads

Connectors for manual assembly

Suggested crimping tools

Conductor size	Manual Crimping Tools	Electric Crimping Tools
1.5–2.5 mm²	Elpress DKB 0760	Elpress PVL 130S - RB0560
4.0–6.0 mm²	Elpress GWB 4099C	Elpress PVL 130S - WB4099