

F - TYPE CONNECTORS



GENERAL INFORMATION

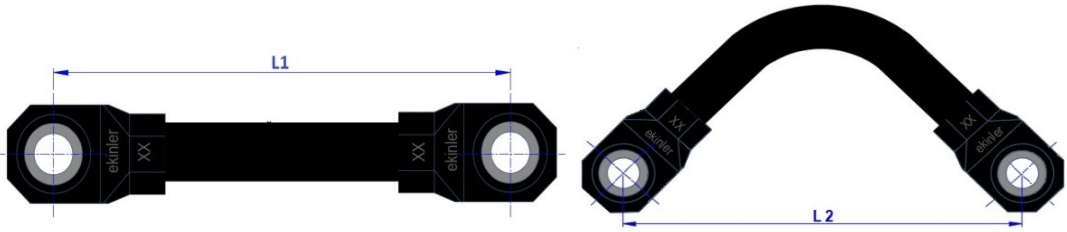
F type battery connectors are flexible products that allow the traction battery cells to be connected to each other. F type battery connectors are assembled to the battery cells with a specially insulated bolt that does not require a cover.

FEATURES

- ❖ High current carrying capacity
- ❖ High flexibility
- ❖ High impermeability (Thanks to special cable insulation and injection materials)
- ❖ Standard products comply with GWT 650(IEC 60695-2-11).
- ❖ There is also VO UL94 / GWT 750 version in order to use in the environments where heat resistance is expected to be high (Mining etc.)
- ❖ Terminal pull-out force complies with MIL-T 7928
- ❖ 100% resistance control and marking
- ❖ Insulation resistance > 1000 MΩ (Under 500 VDC)
- ❖ Protection rating is IP55 (IEC 60529-1)
- ❖ Tin plated terminals
- ❖ %99.9 Copper terminals

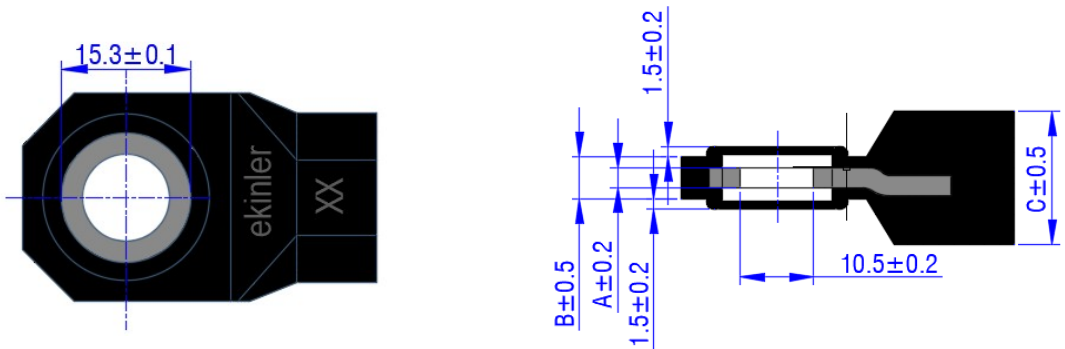
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FLEXIBILITY TABLE



Minimum flexibility length(L2) table according to the connector length(L1)							
Connector Type:	Cable Section:	L2					
		L1: 85mm	L1: 95mm	L1: 110mm	L1: 130mm	L1: 150mm	L1: >150mm
F Type (Flex)	25mm ²	60 mm	40 mm	30 mm	30 mm	30 mm	30 mm
	35mm ²	60 mm	40 mm	30 mm	30 mm	30 mm	30 mm
	50mm ²	70 mm	65 mm	35 mm	30 mm	30 mm	30 mm
	70mm ²	-	-	75 mm	55 mm	35 mm	35 mm
	95mm ²	-	-	85 mm	40 mm	40 mm	35 mm

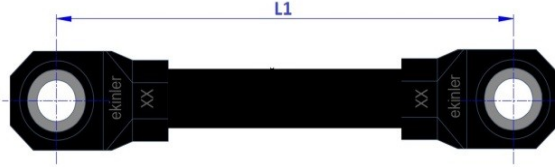
DIMENSIONS (mm)



CABLE SECTION	A	B	C
25mm ²	2	4.75	16.50
35mm ²	2	4.75	16.50
50mm ²	2	5.60	17.50
70mm ²	3	6.00	19.50
95mm ²	3	6.20	23.50

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Product List



<u>Product Code</u>	<u>Cable Section</u>	<u>L1(mm)</u>	<u>Product Code</u>	<u>Cable Section</u>	<u>L1(mm)</u>
MEKN71000011	25mm ²	75	MEKN71000016	50mm ²	80
MEKN71000089	25mm ²	80	MEKN71000094	50mm ²	90
MEKN71000095	25mm ²	85	MEKN71000003	50mm ²	95
MEKN71000010	25mm ²	90	MEKN71000004	50mm ²	110
MEKN71000009	25mm ²	95	MEKN71000017	50mm ²	130
MEKN71000008	25mm ²	110	MEKN71000018	50mm ²	150
MEKN71000119	25mm ²	150	MEKN71000019	50mm ²	170
MEKN71000102	25mm ²	275	MEKN71000020	50mm ²	210
MEKN71000096	25mm ²	300	MEKN71000104	50mm ²	275
MEKN71000091	25mm ²	600	MEKN71000105	50mm ²	285
			MEKN71000086	50mm ²	300
			MEKN71000081	50mm ²	310
			MEKN71000097	50mm ²	350
			MEKN71000101	50mm ²	500
<u>Product Code</u>	<u>Cable Section</u>	<u>L1(mm)</u>	<u>Product Code</u>	<u>Cable Section</u>	<u>L1(mm)</u>
MEKN71000000	35mm ²	75	MEKN71000092	70mm ²	80
MEKN71000007	35mm ²	80	MEKN71000005	70mm ²	95
MEKN71000039	35mm ²	85	MEKN71000022	70mm ²	110
MEKN71000001	35mm ²	95	MEKN71000023	70mm ²	130
MEKN71000002	35mm ²	110	MEKN71000024	70mm ²	150
MEKN71000012	35mm ²	130	MEKN71000025	70mm ²	170
MEKN71000013	35mm ²	150	MEKN71000026	70mm ²	190
MEKN71000014	35mm ²	170	MEKN71000027	70mm ²	210
MEKN71000121	35mm ²	190	MEKN71000106	70mm ²	275
MEKN71000103	35mm ²	285	MEKN71000107	70mm ²	285
MEKN71000093	35mm ²	300	MEKN71000120	70mm ²	300
MEKN71000100	35mm ²	380	MEKN71000084	70mm ²	310
<u>Product Code</u>	<u>Cable Section</u>	<u>L1(mm)</u>			
MEKN71000031	95mm ²	80			
MEKN71000032	95mm ²	95			
MEKN71000033	95mm ²	110			
MEKN71000034	95mm ²	130			
MEKN71000035	95mm ²	150			
MEKN71000036	95mm ²	170			
MEKN71000038	95mm ²	210			
MEKN71000098	95mm ²	380			
MEKN71000099	95mm ²	1200			

* Please contact us for different length and cable section requests.