

F - TYPE CONNECTORS



GENERAL INFORMATION

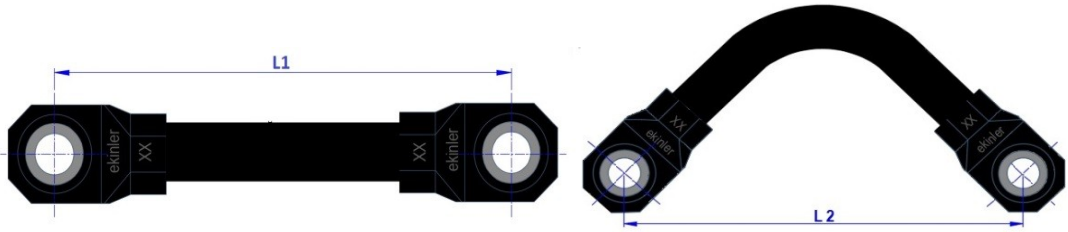
F type battery connectors are flexible products that allow the traction battery cells to be connected to each other. F type battery connectors are assembled to the battery cells with a specially insulated bolt that does not require a cover.

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 M Ω (Under 500 VDC)
- ❖ Protection rating is IP55 (IEC 60529-1)
- ❖ Tin plated terminals
- ❖ %99.9 Copper terminals

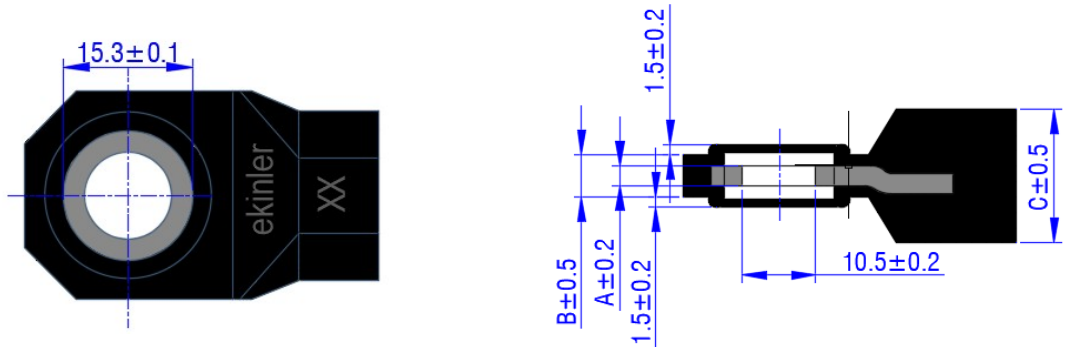
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FLEXIBILITY TABLE



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

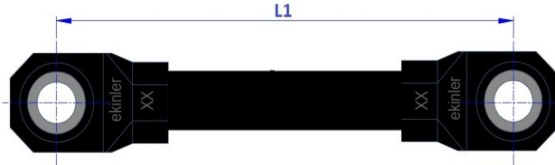
DIMENSIONS (mm)



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(m)</u>	<u>Product Code</u>	<u>Cable Section</u>	<u>L1(m)</u>
MEKN710000			MEKN710000		
11	25mm ²	75	16	50mm ²	80
MEKN710000			MEKN710000		
89	25mm ²	80	94	50mm ²	90
MEKN710000			MEKN710000		
95	25mm ²	85	03	50mm ²	95
MEKN710000			MEKN710000		
10	25mm ²	90	04	50mm ²	110
MEKN710000			MEKN710000		
09	25mm ²	95	17	50mm ²	130
MEKN710000			MEKN710000		
08	25mm ²	110	18	50mm ²	150
<u>Product Code</u>	<u>Cable Section</u>	<u>L1(m)</u>	MEKN710000		
MEKN710001	25mm ²	150	19	50mm ²	170
MEKN710000			MEKN710000		
MEKN710001	35mm ²	75	MEKN710000		
MEKN710000	25mm ²	275	<u>Product Code</u>	<u>Cable Section</u>	<u>L1(m)</u>
MEKN710000	35mm ²	80	MEKN710001	50mm ²	275
MEKN710000	25mm ²	300	MEKN710000	70mm ²	80
MEKN710000	35mm ²	85	MEKN710001	50mm ²	285
MEKN710000	25mm ²	600	MEKN710000	70mm ²	95
MEKN710000	35mm ²	95	MEKN710000	50mm ²	300
01	35mm ²	110	MEKN710000	70mm ²	110
MEKN710000			MEKN710000	50mm ²	310
02	35mm ²	130	MEKN710000	70mm ²	130
MEKN710000			MEKN710000	50mm ²	350
12	35mm ²	170	MEKN710001	70mm ²	150
MEKN710000			MEKN710000	50mm ²	500
<u>Product Code</u>	<u>Cable Section</u>	<u>L1(m)</u>	25	70mm ²	170
MEKN710000	35mm ²	170	MEKN710000	70mm ²	190
MEKN710001	95mm ²	80	26	70mm ²	190
MEKN710000	35mm ²	190	MEKN710000	70mm ²	210
MEKN710001	95mm ²	95	27	70mm ²	210
MEKN710000	35mm ²	285	MEKN710001	70mm ²	275
MEKN710000	95mm ²	110	06 * Please contact us for		
MEKN710000	35mm ²	300	different length and cable		
MEKN710001	95mm ²	130	section requests.		
MEKN710000	35mm ²	380	07	70mm ²	285
35	95mm ²	150	MEKN710001		
MEKN710000			20	70mm ²	300