



# FBL Standard Series

July 2017

Flat Braid Bonding Lead Solutions

FBL bonding leads are manufactured from tin plated copper flat braid, terminated at each end with a pressed ferrule type connector. The benefit of using pressed ferrules is that you achieve maximum electrical contact with minimum resistance.

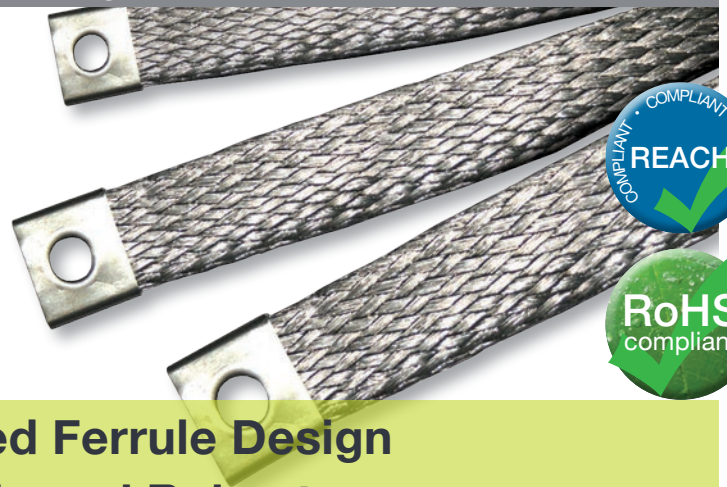
FBL bonding leads are flexible, robust, durable and reliable; perfect for the most demanding industrial applications. They are available with a wide range of standard lengths and hole sizes, and with or without insulation. In addition, they have low minimum order quantities and short manufacturing lead times

### Custom Designs:

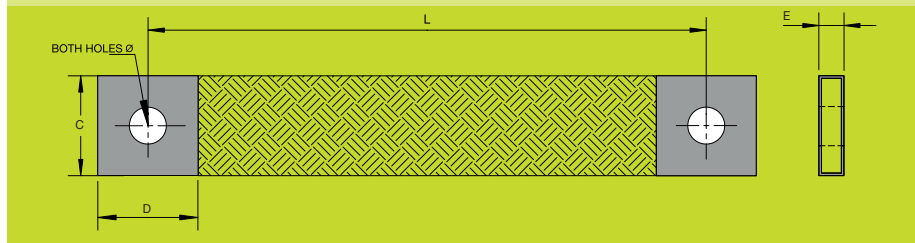
Other non-standard materials and additional terminal options are available on request, please contact our sales office for information.

### Operating Temperature

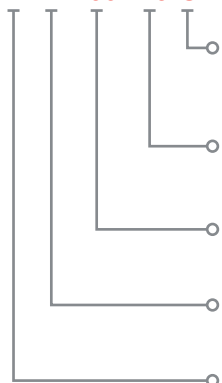
- Tin-plated Cu: -65°C to +150°C
- Insulated: -40°C to +135°C



## Pressed Ferrule Design Durable and Robust Ready to Fit Design



### FBL-4-200-M6-S Part Numbering example



**Insulated:**  
Leave blank if insulation not required

**Hole sizes:**  
See table for options

**Standard Lengths:**  
Customer specified

**Cross Sectional Area:**  
See table for sizes

**Part Reference:**  
FBL Tin plated copper

### Hole Size Availability

Cross-sectional Area	Hole Size							
	M4	M5	M6	M8	M10	M12	M14	M16
	4.5mm	5.5mm	6.5mm	8.5mm	10.5mm	13.0mm	15.0mm	18.0mm
4	✓	✓	✓					
6	✓	✓	✓	✓				
10	✓	✓	✓	✓	✓			
16		✓	✓	✓	✓	✓	✓	
25		✓	✓	✓	✓	✓	✓	✓
35		✓	✓	✓	✓	✓	✓	✓
50			✓	✓	✓	✓	✓	✓

### Cross Sectional Area and Dimensional Information

Cross-sectional Area	Strand Size	C	D	E	Maximum Allowable Hole Size	Current Rating
mm <sup>2</sup>	mm	mm	mm	mm	mm	amps
4	0.15	10	10	2.0	6.5	50
6	0.15	13	15	2.0	8.5	65
10	0.15	14	13	3.0	10.5	90
16	0.20	19	20	3.5	15.0	125
25	0.15	25	25	4.0	18.0	160
35	0.20	25	25	4.5	18.0	220
50	0.20	25	25	5.0	18.0	260

All information provided is believed to be reliable. We advise however that customers should separately evaluate the suitability of our products for their particular application. IS-Rayfast give no guarantee in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect, or consequential damage or damages from the sale, resale, transfer, use or misuse of the product.

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