



CBL Series

July 2017

Flat Bonding Lead Solutions

The CBL range of flat style bonding leads are designed for aerospace and military applications, but are also suitable for higher performance industrial uses.

Available with or without insulation in both tin-plated and nickel-plated copper in a range of cross-sectional areas. They are highly flexible, robust and reliable.

- CBL150** Tin-plated Cu braid
- CBL260** Nickel-plated Cu braid

Operating Temperature

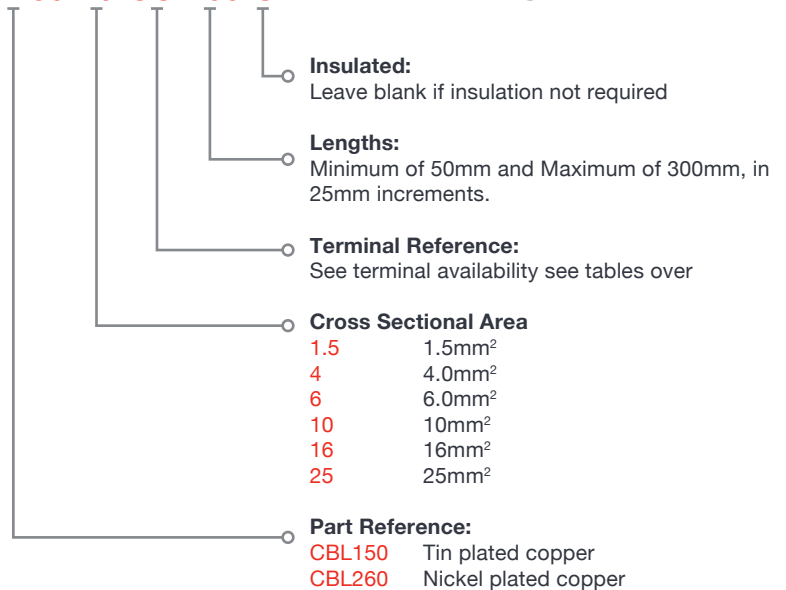
- Tin-plated Cu: -65°C to +150°C
- Nickel-plated Cu: -65°C to +260°C
- Insulated -65°C to +150°C



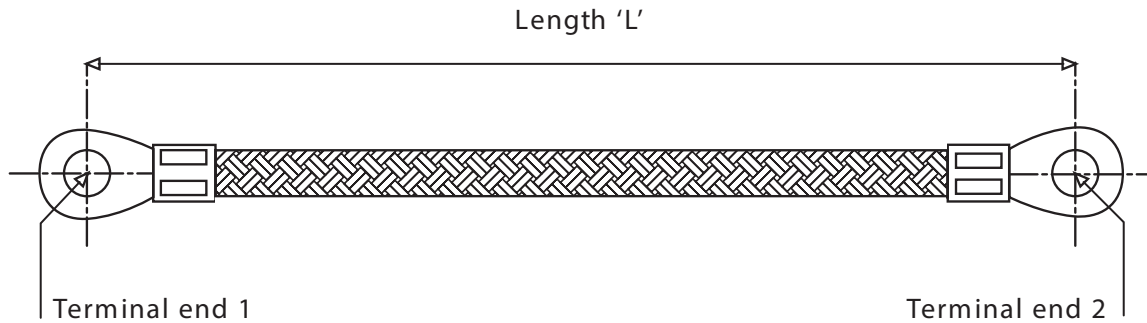
Manufactured EN4199-003 Design
Flexible, Robust and Reliable
Choice of 6 Cross Sectional Areas

Insulation and Identification Options
 Choice of Terminal Sizes

CBL260-10-CC-200-S Part Numbering example



Standard Configurations



Terminal Availability: **CBL150** tin-plated copper

Terminal Code	End Terminals		Availability for Cross-Sectional Area					
	Stud	Hole Ø	1.5mm ²	4.0mm ²	6.0mm ²	10.0mm ²	16.0mm ²	25.0mm ²
A	#6	3.68mm	✓					
B	#8	4.34mm	✓	✓	✓			
C	#10	5.00mm	✓	✓	✓	✓	✓	✓
D	1/4"	6.73mm	✓	✓	✓	✓	✓	✓
E	5/16"	8.33mm		✓	✓	✓	✓	✓
F	3/8"	9.91mm				✓	✓	✓

Terminal Availability: **CBL260** nickel-plated copper

Terminal Code	End Terminals		Availability for Cross-Sectional Area					
	Stud	Hole Ø	1.5mm ²	4.0mm ²	6.0mm ²	10.0mm ²	16.0mm ²	25.0mm ²
A	#6	3.68mm	✓	✓				
B	#8	4.34mm	✓	✓	✓			
C	#10	5.00mm	✓	✓	✓	✓		
D	1/4"	6.73mm	✓	✓	✓	✓	✓	
E	5/16"	8.33mm			✓	✓	✓	
F	3/8"	9.91mm					✓	✓

Technical Information for Uninsulated **CBL260** bonding leads

Braid cross-section	Min. Tensile Strength	Nom. resistance 100mm Length	Braid Resistance	Nom. Mass 100mm Length	Braid Mass
mm ²	N	mΩ	mΩ per 25mm	g	g per 25mm
1.5	250	1.32	0.308	2.6	0.40
4	600	0.40	0.112	6.3	1.10
6	800	0.24	0.075	10.7	1.63
10	1200	0.14	0.046	18.4	2.90
16	1700	0.09	0.030	28.9	3.93
25	2200	0.06	0.015	43.2	7.85

For information on nominal resistance and mass for non standard lengths please contact us

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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