

Braid

Flat and Round

Cabletec manufactures an extensive range of flat and round braid from a wide choice of materials, including stainless steel, aluminium, plain copper, tin plated copper and nickel plated copper.

The electrical performance of a braid is determined by selecting the correct cross-sectional area from the table and graph (page 7). By changing the conductor strand size it is possible to improve the braid flexibility and vibration resistance whilst maintaining its current rating; the smaller the strand size, the more flexible the braid.

Applications

Military/Aerospace
Automotive
Commercial electronics
Offshore
Mass transit
Switchgear

Materials

1 - Plain copper
2 - Tin plated copper
3 - Nickel plated copper
4 - Phosphor bronze
5 - Stainless steel
6 - Oxygen free copper
7 - Silver plated copper
9 - Aluminium

Note: replace -x with material number in part no.

Product Detail

Standard Flat

Part No.	Cross sectional area (mm ²)	Typical dimensions (mm)	Current rating (amps)
FB-02.5-X-15	2.5	6.0 x 0.8	34
FB-04.0-X-15	4.0	8.0 x 1.0	53
FB-06.0-X-15	6.0	10.0 x 1.0	69
FB-10.0-X-15	10.0	13.0 x 1.3	97
FB-16.0-X-15	16.0	19.0 x 1.5	132
FB-25.0-X-15	25.0	23.0 x 2.0	178
FB-35.0-X-15	35.0	25.0 x 3.0	223
FB-50.0-X-15	50.0	20.0 x 5.0	282



- **-65 ° C to +260 ° C**
- **Optional insulation jacket**
- **Up to 1000mm² CSA**
- **High flexibility**
- **Material options**

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Standard Flexible Braids

Note: Current ratings are based on temperature rise of 50°C above ambient