

FLAT TINNED COPPER BRAID, 150°C



BRAID SPECIFICATIONS

Description:

Flat tinned copper braid suitable for earth bonding straps.

Material:

Fully annealed tinned copper wire to BS EN 13602

Construction:

- 64 ends of 0.10 mm wire
(16×4×0.10 mm) – PRO-POWER-FB-10A
- 64 ends of 0.15 mm wire
(16×4×0.10 mm) – PRO-POWER-FB-15A
- 128 ends of 0.15 mm wire
(16×8×0.15 mm) – PRO-POWER-FB-30A
- 240 ends of 0.20 mm wire
(24×10×0.20 mm) – PRO-POWER-FB-63A
- 264 ends of 0.20 mm wire
(24×11×0.20 mm) – PRO-POWER-FB-90A

Part Number	Current rating* Max. (Amps)	Braid		CSA (mm ²)	Nom Width (mm)	Thickness (mm)	DC Resistance Max. @ 20°C (mΩ/ M)
		Type	Set up				
PRO-POWER-FB-10A	10.0	TC BRAID	16×4/ 0.10	0.50	2.00	0.50	40.07
PRO-POWER-FB-15A	15.0	TC BRAID	16×4/ 0.15	1.13	3.00	1.00	15.66
PRO-POWER-FB-30A	30.0	TC BRAID	16×8/ 0.15	2.26	5.00	0.75	7.83
PRO-POWER-FB-63A	63.0	TC BRAID	24×10/ 0.20	7.54	10.0	1.50	2.67
PRO-POWER-FB-90A	90.0	TC BRAID	24×11/ 0.20	8.29	11.0	1.75	2.135

* Note: Current Rating is based on temperature rise of 50°C above ambient and since braids are used under such varying conditions, is for guidance only.

GENERAL PROPERTIES

Working temperature: 150°C Max.

SAFETY CERTIFICATION

RoHS Compliance: In accordance to European Directive 2002/95/EC, issue 13.2.2

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Unless stated, all values are nominal.



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REVISION HISTORY

Rev	Date	By	Description
1	17/07/06	MC	Initial Release

Part Number:	PRO-POWER-FB	Prepared By:	M. Coward	Page
		Reviewed By:	A. Prowse	