

## Braids & Terminated Braids

### Tinned Copper, Plain Copper and Stainless Steel Braids



#### Application:

Use in earthing, EMI shielding and marine installations. Copper braids can also be used as battery straps for termination or installed over cables for additional protection. Stainless steel can be used as flexible strength members

#### Benefits

Flexible Stranding	Superfine conductor stranding gives increased flexibility
Duplex Braid	Duplex braids offer larger conductor areas without the increased width, while maintaining flexibility
Robust Build	Battery straps and duplex braids are more durable than regular braids
Custom Terminated Braids	Made to suit specific customer dimensions

#### Features

- ✓ Terminated braids can be fitted with tinned annealed copper lugs for maximum conductivity
- ✓ Braids are manufactured with a shorter lay length to increase torsion resistance and improve flexibility
- ✓ Tinned copper and 316 grade stainless steel limits the affects of oxidisation and corrosion
- ✓ Stainless steel braids for excellent mechanical strength
- ✓ Lugs are pressed to increase mechanical strength of termination
- ✓ Oxygen free tinned copper for high conductivity soldered connections

#### Construction

Conductor	Oxygen free tinned or plain annealed copper or grade 316 stainless steel
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#### Ratings

Applicable Standards	AS/NZS1125, IEC 60228
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#### Tinned Copper Braid

Bambach Item Code	Conductor CSA mm <sup>2</sup>	Stranding No. of Strands/mm	Approx. Width mm	Current Rating* Amps	Weight kg/km
17440	1.12	24/4/0.12	3.2	22	10
19160	1.68	24/6/0.12	4.8	30	15
20640	2.24	24/8/0.12	6.4	37	22
22000	3.92	24/14/0.12	7.0	45	39
23200	5.98	32/16/0.12	12.7	66	57
29720	11.96	2 x 32/16/0.12	12.7	90	114
25300	8.97	48/16/0.12	19.0	85	95
30360	17.94	2 x 48/16/0.12	19.0	118	167
26300	17.94	48/32/0.12	25.0	118	167
30920	35.88	2 x 48/32/0.12	26.0	190	334

## Tinned Copper Battery Straps

Bambach Item Code	Conductor CSA mm <sup>2</sup>	Stranding No. of Strands/mm	Approx. Width mm	Current Rating* Amps	Weight kg/km
28120	23.56	48/10/0.25	25	150	217
31480	47.12	2 x 48/10/0.25	28	240	461
29000	37.70	48/16/0.25	28	210	359
31485	75.40	2 x 48/16/0.25	33	310	718
35500	105.54	19/7/14/0.25 Rope O/A 36/8/0.25 Braid	16 Diameter Circular	390	1010

\*Calculated at 40°C temperature rise above 30°C ambient, over standard length 1m

## 316 Stainless Steel Braid - Circular

Bambach Item Code	Conductor CSA mm <sup>2</sup>	Stranding No. of Strands/mm	Approx Diam mm	Weight kg/km
12201	2.26	24/3/0.20	3.7	22
12200	3.01	24/4/0.20	3.9	29

## Terminated Braids

Terminated braids are custom designed to meet specific requirements.

