

High Temperature

Glass Insulated, Tinned Copper Single Core Cables 150°C



Application:

Suitable for high ambient temperature environments up to 150°C

Benefits	
High Temperature Rating	Glass insulated tinned copper conductors are suitable for use in high temperature areas
Flexible Stranding	Class 5 flexible conductor stranding
Easy to Solder	Tinned copper conductors for easy solder adhesion
Abrasion Resistant	Silicone varnish impregnated, double glass braided insulation provides excellent abrasion resistance
Wide Choice Available	A variety of colours available ex-stock
Features	
✓	Tinned Copper conductors are suitable for operation up to 150°C
✓	Class 5 stranding provides increased flexibility
✓	Double glass braid for high insulation resistance
✓	Silicone varnish and double glass braid for 100% coverage
Construction	
Conductor	Tinned annealed copper wire, class 5
Insulation	Double glass fibre braid impregnated with silicone varnish
Colours	Blue, black, green, natural, red and white
Ratings	
Temperature	0°C to +150°C
Voltage	0.6/1kV
Applicable Standards	AS/NZS1125, AS/NZS3158



Flexible Conductor:
Class 5



Tinned Copper
for Corrosion Resistance



Minimum Service
Temperature:
0°C



Maximum Service
Temperature:
150°C



Maximum Short Circuit
Temperature:
350°C (Max 5s)



Impact Resistant



Abrasion Resistant



Flame
Non-Propagation



Minimum Recommended
Bend Radius Fixed 6 x OD

SYDNEY (Head Office)
102 Old Pittwater Road
Brookvale NSW 2100
Phone: 02 9938 5622
Fax: 02 9938 3973

BRISBANE
2/284 Musgrave Road
Coopers Plains QLD 4108
Phone: 07 3277 5811
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9/24-26 Carrick Drive
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64 Orlando Road
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Phone: 02 4956 2044
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WESTERN AUSTRALIA
1 Karratha St
Welshpool WA 6106
Phone: 08 9351 9966
Fax: 08 9356 2522





Tinned Copper/Glass Braided

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. of Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
16100	0.75	24/0.20	3.2	24	14
17780	1	32/0.20	3.5	28	23
19520	1.5	30/0.25	3.7	37	27
21000	2.5	50/0.25	4.0	50	39
22280	4	56/0.30	4.9	67	55

*Current ratings based on AS/NZS3008.1.1:2009 table 17 column 2.



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