

Low Voltage

Garden Lighting and Automotive Cable



Application:

For use in extra low voltage applications such as garden lighting or the automotive industry

Benefits	
High Temperature	V90-HT PVC insulation suitable for continuous operating at high temperatures
Easy to Install	Class 5 flexible conductor stranding for easy installation
Extremely Flexible	PVC insulation allows for a small bending radius
Features	
✓	Fine conductor stranding for high flexing
✓	V90-HT allows for high ambient temperature applications
✓	RoHS compliant to meet European standards
Construction	
Conductor	Plain annealed copper wire, class 5
Insulation	V90-HT PVC
Sheath	V90-HT PVC (Applies to twin flat sheathed)
Colours	Figure 8 – Black Twin sheathed flat – Red and black cores, black sheath
Ratings	
Temperature	0°C to + 90°C
Voltage	32V - Not suitable for connection to mains
Applicable Standards	AS/NZS1125, AS/NZS3808



Flexible Conductor:
Class 5



Copper



Minimum Service
Temperature:
0°C



Maximum Service
Temperature:
90°C



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



Flame
Non-Propagation



UV Resistant

SYDNEY (Head Office)
102 Old Pittwater Road
Brookvale NSW 2100
Phone: 02 9938 5622
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WESTERN AUSTRALIA
1 Karratha St
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Phone: 08 9351 9966
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Low Voltage Cable - Figure 8

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
30000BK	2 x 3.3	46/0.30	4.7 x 9.0	26	96
78036BK	2 x 10	140/0.30	6.5 x 13.3	63	239

Low Voltage Cable - Twin Flat Sheath

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
25330BK	2 x 1.2	17/0.30	4.2 x 6.8	16	58
25580BK	2 x 2	28/0.30	4.8 x 7.6	20	76
25690BK	2 x 3	19/0.45	5.2 x 8.7	26	100
26580BK	2 x 5	31/0.45	6.0 x 10.3	35	163

*Current ratings based on AS/NZS3008.1.1:2009 Table 10, Column 3

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