

## DC Cable

### 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 insulation for high ambient temperature applications, long term durability and flexibility
✓	RoHS compliant to meet European standards
✓	Oxygen free copper for high conductivity soldered connections
Construction	
Conductor	Oxygen free 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	-10°C to + 90°C
Voltage	32V - Not suitable for connection to mains
Applicable Standards	AS/NZS1125, AS/NZS3808, AS/NZS1660.5.6, IEC 60228, IEC 60332-1



Flexible Conductor:  
Class 5



Oxygen Free Copper



Minimum Service  
Temperature:  
-10°C



Maximum Service  
Temperature:  
90°C



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



Flame  
Non-Propagation



UV Resistant



Metre Marking

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### Low Voltage Cable - Figure 8

Bambach Item Code	Conductor CSA mm <sup>2</sup>	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
30000	2 x 3.3	46/0.30	4.7 x 9.0	26	96
78036	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 <sup>2</sup>	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
25330	2 x 1.2	17/0.30	4.2 x 6.8	16	58
25580	2 x 2	28/0.30	4.8 x 7.6	20	76
25690	2 x 3	19/0.45	5.2 x 8.7	26	100
26580	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