

Marine Cable

General Power, Battery and Starter Marine Cable



Application:

General purpose 32V DC marine and battery applications

Benefits	
Tinned Copper Conductors	Tinned copper conductors minimise the affects of corrosion and oxidation
Longer Lifespan	Salinity accelerates the corrosion of copper so a tin coating protects the conductor and increases the lifespan
Extremely Flexible	Battery and starter cable contains class 5 conductor stranding for easier use
High Temperature Range	High grade PVC allows for operation at higher temperatures
Features	
✓	RoHS compliant to comply with European standards
✓	Oxygen free tinned copper for high conductivity soldered connections and corrosion protection
✓	V90-HT insulation for high ambient temperature applications, long term durability and flexibility
Construction	
Conductor	Oxygen free tinned annealed copper wire, class 2
Insulation	V90-HT PVC
Sheath	V90-HT PVC (Sheathed cables only)
Colours	Single Core and B & S – Red and black Figure 8 - White and white with black hash mark Twin Sheathed Flat – Red and black cores, white 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



Oxygen Free, Tinned Copper for Corrosion Resistance



Minimum Service Temperature: -10°C



Maximum Service Temperature: 90°C



Impact Resistant



Abrasion Resistant



Chemical & Oil Resistant



Flame Non-Propagation



Metre Marking

Marine Cable - Single Core

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
20430	2	28/0.30	3.0	21	27
20590	5	31/0.45	4.4	38	64

Marine Cable - Battery and Starter

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating† Amps	Weight kg/km
33300	25 (3 B & S)	360/0.30	10.4	168	332
20614	32 (2 B & S)	455/0.30	11.3	188	428

Marine Cable - Twin Flat Sheathed

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating† Amps	Weight kg/km
11960	2 x 2	28/0.30	4.8 x 7.6	20	77
14200	2 x 5	31/0.45	6.0 x 10.3	35	167

Marine Cable - Figure 8

Bambach Item Code	Conductor CSA mm ²	Conductor Stranding No. Strands/mm	Nom Ø mm	Current Rating* Amps	Weight kg/km
14600	2 x 2	28/0.30	3.0 x 6.1	26	54

*Current ratings based on AS/NZS3008.1.1:2009 Table 4, Column 3

†JASO D609 single core at 30°C 100% Duty Cycle

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