



Marine Battery and Starter Cable

RoHS Compliant

Single core Insulation V90HT to AS/NZS 3191

Conductor: Tinned Copper Conductor to AS/NZS 1125
Insulation: V90HT to AS/NZS 3191
Colors: Red and Black (other colors to customer requirements by quotation)
Pack Size: 30mt, 100mt and 500mt.

Voltage Rating AC 50V / DC 120V to AS/NZS 3000:2000

Code	Number of Strands x wire Ø mm	Nominal Area mm ²	AMP Rating at 30°C	Average Insulation Thickness mm	OFHC	Nominal O.D. mm	Mass Kg/100mt
					Max D.C. Resistance at 20°C m Ω/mt		
MBS8	112/0.30	7.92	74	0.90	2.36	5.40	8.90
MBS6	189/0.30	13.36	103	1.10	1.40	6.90	14.80
MBS4	287/0.30	20.25	135	1.10	0.92	8.00	21.60
MBS3	364/0.30	25.70	170	1.60	0.72	9.80	28.90
MBS2	455/0.30	32.15	190	1.70	0.58	10.70	35.70
MBS1	560/0.30	39.55	210	1.70	0.47	11.50	43.00
MBS0	700/0.30	49.45	246	1.70	0.38	12.50	52.60
MBS00	910/0.30	64.30	292	1.70	0.29	13.50	66.90
MBS000	1204/0.30	85.00	335	2.00	0.22	16.00	88.90

NOTE: AMP rating Based on 100% DUTY CYCLE.
 NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.

AMP RATING ARE BASED ON JASO D609:2001 single core AMBIENT TEMPERATURE AT 30°C

OFHC (oxygen free high conductivity copper) is employed in audio and industrial electronic units.

Features:

1. High electric and thermal conductivity

Since OFHC contains oxygen and impurities in very small quantities only, it shows excellent electric conductivity and thermal conductivity
 (Oxygen and impurities reduce the conductivity)

2. Excellent hydrogen embrittlement resistance

(TPC) Tough pitch copper becomes very brittle when it is heated at higher than 600°C under a reduction gas atmosphere including hydrogen gas.
 Since OFHC contains a very low oxygen content only, it does not show any brittleness

Please Note!

Austech Wire & Cable Pty. Ltd. takes every precaution to ensure that the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

Austech Wire & Cable 11 Tarnard Drive, Braeside, Vic. 3195 Tel: (03) 9587 1712 Fax: (03) 9587 7563