



Marine Single Core Cable

Single Core Marine V90HT
V90HT PVC Insulation to AS/NZS 3191

RoHS Compliant

Application: Pleasure craft
Conductor: Tinned Copper Conductor to AS/AZS 1125
Insulation: V90HT to AS/AZS 3191
Colors: Red or Black
Pack Size: 50mt, 100mt and 500mt.

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

Code	Nearest SAE, (B&S) (AWG)	Number of Strands x wire Ø mm	Nominal Area mm ²	Industry Equivalent mm	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		
MS116030	16 ¹ / ₂	16/0.30	1.13	3.00	20	0.60	16.96	2.55	1.50
MS126030	14 ¹ / ₂	26/0.30	1.84	4.00	28	0.60	10.44	2.90	2.25
MS165030	10 ¹ / ₂	65/0.30	4.59	6.00	51	0.80	4.18	4.30	5.30

NOTE: 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!

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