



# Marine F8 Parallel Webbed

**Marine F8 Cable V90HT**  
**V90HT PVC Insulation to AS/NZS 3191**

**RoHS Compliant**

**Application:** Pleasure craft  
**Conductor:** Tinned Copper Conductor to AS/NZS 1125  
**Insulation:** V90 to AS/NZS 3191  
**Colors:** Red & Red with black trace other colors by Quotation  
**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 <sup>2</sup>	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		
MFE216030	16 <sup>1</sup> / <sub>2</sub>	16/0.30	1.13	3.00	16	0.55	17.30	2.45x5.20	2.90
MFE226030	14 <sup>1</sup> / <sub>2</sub>	26/0.30	1.84	4.00	22	0.55	10.65	2.80x5.90	4.30

**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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