



Multi-Core Shot Fire Cable

V90HT Insulated and 3V90 Sheathed to AS/NZS 3808

Conductor:	Multi strand plain copper Conductor to AS/NZS1125
Insulation:	V90HT to AS/NZS 3808 UV Stabilized
Sheath	3V90 to AS/NZS 3808
Sheath Color:	Yellow, other colors by quotation
Core Colors:	Red , Black
Pack Size:	100mt

Code	Number of Strands x wire Ø mm	Number of Cores	Nominal Area mm ²	Average Sheath Thickness mm	Average Insulation Thickness mm	OFHC	Nominal O.D. mm	Mass Kg/100mt
						Max D.C. Resistance at 20° C m Ω/mt		
ETS27085	7/0.85	2	4	1.25	0.80	4.61	6.40x10.60	27.60
ETS250025	50/0.25	2	2.5	1.60	0.80	7.60	7.00x10.60	12.20

NOTE: NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.

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.