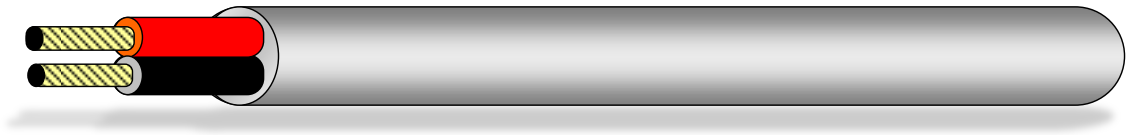
AUSTECH WIRE & CABLE RoHS Compliant

ISO 9001 REGISTERED FIRM

Rohs Compliant



Ordinary Duty Cable 90^0 C 250/440V AS/NZS 3191:2008

V90 PVC Insulation and V90 Sheathed to AS/NZS3808:2000

Conductor: Plain Copper Conductor to AS1125

Insulation: V90 to AS/NZS 3808:2000 UV Stabilized

Sheath: V90 to AS/NZS 3808:2000 UV Stabilized

Core Colors: Red and Black , Blue and Brown (other colors by Quotation)

Sheath Colors: Grey, Blue, Black

Pack Size: 100mt, 500mt.and 1000mt

Min. Bending radius: 5 x OD

Code	Nearest SAE, (B&S) (AWG)	Number of Strands x wire Ø mm	Number of Cores	Nominal Area mm^2	AMP Rating	Average Sheath Thickness mm	Average Insulation Thickness mm	OFHC Max D.C. Resistance at 20^oC m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
MFO224020	**$18^1/_2$**	24/0.20	2	0.75	7.5	0.80	0.60	**26.00**	6.20	5.60
MFO232020	**$17^1/_2$**	32/0.20	2	1.00	10.0	0.80	0.60	**19.50**	6.70	5.90
MFO230025	**$15^1/_2$**	30/0.25	2	1.50	15.0	0.80	0.70	**13.30**	7.10	7.80
MFO250025	**13**	50/0.25	2	2.50	25.0	1.00	0.80	**7.98**	9.20	13.10

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 enbrittlement resistance

(TPC) Tough pitch copper becomes very brittle
when it is heated at higher then 600^0 C under a reduction gas atmosphere including hydrogen gas.
Since OFHC contains a very low oxygen content only, it does not show any brittleness

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