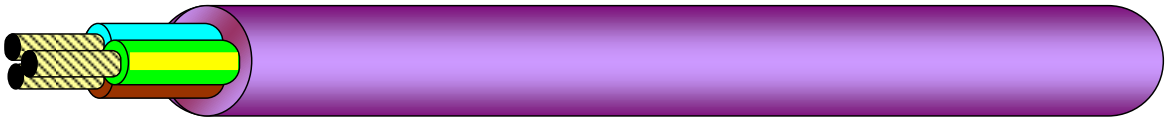
AUSTECH WIRE & CABLE RoHS Compliant ISO 9001 REGISTERED FIRM

Rohs Compliant



3 Core Heavy Duty Cable 90^0 C 0.6/1KV AS/NZS 3191

V90 PVC Insulation and V90 Sheathed to AS/NZS3808

Conductor: Plain Copper Conductor to AS1125
Insulation: V90 to AS/NZS 3808 UV Stabilized
Sheath: Nitril PVC V90 to AS/NZS 3808UV Stabilized
Core Colors: Brown, Lt.Blue and Green/Yellow
Sheath Colors: Grey
Pack Size: 100mt and 500mt.

Code	Nearest SAE, (B&S) (AWG)	Number of Strands x wire Ø mm	Number of Cores	Nominal Area mm^2	AMP Rating	Average Insulation Thickness mm	Average Sheath Thickness mm	OFHC Max D.C. Resistance at 20^o C m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
MFH330025	**15$^1/_2$**	**30/0.25**	**3**	**1.50**	**15**	**0.80**	**1.60**	**13.30**	**9.80**	**13.50**
MFH350025	**13**	**50/0.25**	**3**	**2.50**	**20**	**0.90**	**1.80**	**7.98**	**11.90**	**20.80**
MFH356030	**11**	**56/0.30**	**3**	**4.00**	**25**	**1.00**	**1.90**	**4.95**	**13.60**	**19.40**

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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