4 Core Heavy Duty Cable 90° C  0.6/1KV  AS/NZS 5000.1

V90 PVC  Insulation and 5V90 Sheathed
AS/NZS 5000.1  AS/NZS 3808

Conductor:  Plain Copper Conductor to AS1125
Insulation:  V90 to AS/NZS 3808  UV Stabilized
Sheath: Nitrile Modified PVC 5V90 to AS/NZS 3808  UV Stabilized
Core Colors:  Brown, Lt.Blue, LtGreen/Yellow and White  (Black and Orange could be substituted for White)
Sheath Colors:  Grey, Orange
Pack Size: 100mt and 500mt.
Bending Radius  Max. 5 x Outside Diameter
Minimum Insulation resistance 40 (G●m) at 20°C min. - 0.002 (G●m) at 90°C

<table>
<thead>
<tr>
<th>Code</th>
<th>Number of Strands x Wire Ø mm</th>
<th>Number of Cores</th>
<th>Nominal Area mm²</th>
<th>Average Insulation Thickness mm</th>
<th>Average Sheath Thickness mm</th>
<th>Max D.C. Resistance at 20°C m G●mt</th>
<th>Nominal O.D. mm</th>
<th>Mass Kg/100mt</th>
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</thead>
<tbody>
<tr>
<td>MZH430025</td>
<td>30/0.25</td>
<td>4</td>
<td>1.50</td>
<td>0.80</td>
<td>1.70</td>
<td>13.30</td>
<td>11.40</td>
<td>18.90</td>
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<td>84/0.30</td>
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<td>3.30</td>
<td>16.90</td>
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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 then 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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