High Performance Flexible CBS
Cable Double Sheath
0.6/1kV 90°C

APPLICATIONS:
Control and Signals for use on machines, portable tools, conveying equipment and other industrial applications requiring screened cables for EMC. These cables are flexible for installation and intermittent flexible use with free movement without tensile stress.

PRODUCT FEATURES:
- Tinned fine stranded copper conductor
- High flexibility
- Prevents external interference
- UV stabilised
- Flame retardant
- To be earthed at both ends using EMC compatible glands
- Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:
Conductor Annealed tinned copper stranded high flexibility (Class 5).
Insulation Special SPVC T12 V90.
Inner Sheath SPVC.
Screening Tinned copper braid 85% coverage.
Sheath Special SPVC TM2.

CHARACTERISTICS:
Operating Temperature Range Fixed -20°C to 90°C / Flexing -5°C to 90°C.
Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
Rated Voltage Uo/U 0.6/1kV.
Max AC Operating Voltage Uo 0.7kV.
Minimum Bending Radius Fixed 7.5 x cable diameter / Flexing 15 x cable diameter.
Sheath Colour Black.
Standard Core Colours Black (numbered) + 1 Green/Yellow Earth.
Relevant Standards DIN VDE 0295, IEC 60228, DIN VDE 0281-1, VDE 0293, IEC 60332-1, Directive 2006/95/EC and RoHS Compliant.

<table>
<thead>
<tr>
<th>Code</th>
<th>No. of Cores x Size (mm²)</th>
<th>Approx. Stranding No. of wires x mm</th>
<th>Approx. Overall Diameter (mm)</th>
<th>Approx. Weight (Kg/Km)</th>
<th>Nominal Amps un-enclosed protected from sun @ 30°C fixed application Touching</th>
<th>3 Phase Volt Drop @ 50Hz / MAX. Conductor Temp: 75°C (Mv/Am)</th>
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<tbody>
<tr>
<td>JHCY05/4.0</td>
<td>5 x 4.0</td>
<td>56/0.30</td>
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<td>JHCY07/1.5</td>
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