**H07BN4-F 450/750V Torsion Resistant Cable**

» **Application**

These cables with increased tolerance to torsion application, improved behaviour against abrasion and extended temperature, UV and ozone resistant are specially designed for wind turbines and to be used for the loop.

» **Standards**

DIN VDE 0282.12
HD 22.12

» **Construction**

![Diagram of cable construction]

- **Conductor:** Stranded bare copper, class 5 according to DIN VDE 0295/HD 383/ IEC 60228.
- **Insulation:** Cold and heat resistant EPR. Special cross-linked EI7 rubber for high temperatures can be offered upon request.
- **Sheath:** Ozone, UV-resistant, oil and cold-resistant special compound based on CM (chlorinated polyethylene)/CR (chloroprene rubber). Special cross-linked EM7 rubber can be offered upon request.

» **Technical Data**

<table>
<thead>
<tr>
<th><strong>Parameter</strong></th>
<th><strong>Value</strong></th>
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<tbody>
<tr>
<td>Rated Voltage U0/U (Um)</td>
<td>450/750V</td>
</tr>
<tr>
<td>Operating Temperatures</td>
<td>-40°C~+90°C</td>
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<tr>
<td>Minimum Bending Radius</td>
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<tr>
<td>Maximum Permissible Tensile Load</td>
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<td>Torsion Application</td>
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<tr>
<td>Short-circuit Temperature</td>
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<td>Flame Retardant</td>
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### Ozone Resistant
Yes

### UV Resistant
Yes

## Dimensions and Weight

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<tr>
<th>Construction</th>
<th>Nominal Overall Diameter</th>
<th>Nominal Weight</th>
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<tr>
<td>No. of cores×mm²</td>
<td>mm</td>
<td>kg/km</td>
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