Caledonian

NF F 63-808 Rolling Stock Cables

NF F 63-808 Thin Wall Unsheathed Single Core
250 V

A. Conductor B. Insulation

Application

These cables are used as signal and control cable for protected installations inside and outside of rail and transport vehicles, where space and weight are an important factor, suitable for used in cable harnesses, switchboards and control panels, driver desks etc.

Construction

Conductor
Stranded tinned copper wires
Insulation
Radiation crosslinkable LSZH compound

Electrical & Mechanical Properties

Nominal Voltage 250V
Maximum Conductor Temperature +105/+125°C
Temperature Range -40°C ~105°C
Bending Radius 5×OD

Standards

NF F 63-808
NF F 16-101
BS 6853
DIN 5510

Fire Performance in general

Vertical flame propagation for a single insulated wire or cable
Fire propagation of bunched wires and cables;
Smoke density
Halogen Free
Corrosivity of gases (Acidity & Conductivity)
Toxicity index
Smoke index

<table>
<thead>
<tr>
<th>Nominal Cross Sectional Area</th>
<th>Number &amp; Nominal Diameter of Strands</th>
<th>Overall Diameter</th>
<th>Weight</th>
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<tr>
<td>mm²</td>
<td>No/mm</td>
<td>Min. mm</td>
<td>Max. mm</td>
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