Super-thin Wall Unsheathed Single Core Cables
DTRF 750V

Application
-Used as power and control cable for protected installations inside and outside of rail and transport vehicles, where handling and installation cost are an important factor.
-Used in control, auxiliary and main circuit wiring such as cable harnesses, switchboards and control panels, driver desks etc.

Construction
Conductor
Tinned copper wires
Insulation
Electron beam crosslinkable LSZH compound

Electrical & Mechanical Properties
Nominal Voltage 750V
Short Circuit Temperature (5s) 250°C
Operating Temperature -60°C/+125°C
Minimum Bending Radius 3 x Overall Diameter (OD≤20mm); 5 x Overall Diameter (OD≥20mm)

Fire Performance
Flame Retardant GB/T18380.1-2001 DZ-1
Low Corrosivity (Acidity & Conductivity) GB/T17650.1-1998; GB/T17650.2-1998
Halogen Free GB/T17650.1-1998; GB/T17650.2-1998
Low Smoke GB/T17651.1-1998; GB/T17651.2-1998

DTRF 750V

<table>
<thead>
<tr>
<th>Nominal Cross-Sectional Area</th>
<th>Conductor Construction</th>
<th>Nominal Insulation Thickness</th>
<th>Maximum Overall Diameter</th>
<th>Weight kg/km</th>
<th>Maximum Conductor Resistance 20°C Ω/km</th>
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- IRM 903 Fuel Oil Resistant
- IRM 902 Mineral Oil Resistant
- Fire Retardant NF C20-107-2.2-2002 ECEXSSD-5-RJC 8658S-2-1
- Flame Retardant NF C20-107-2.1-2002 ECEXSSD-5-RJC 8658S-5-1
- Low Toxicity NF X70-105 NF X70 2008 10500458 8800
- Low Corrosivity NF C20-107-2.2-2002 ECEXSSD-5-RJC 8658S-2-2
- Low Smoke Emission NF C20-107-2.2-2002 ECEXSSD-5-RJC 8658S-2-2