FIREROL Thin Wall Multicore Screened Cables With Standard Wall Sheath
250 V
NF F 63-808 (FRF-TW-025M-OS)

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 use in cable harnesses, switchboards and control panels, driver desks etc.

Construction
Conductor
Stranded tinned copper wires
Insulation
Radiation crosslinkable LSZH compound
Screen
Tinned copper braid
Sheath
Radiation crosslinkable LSZH compound

Electrical & Mechanical Properties
Nominal Voltage 250 V
Max. Conductor Temperature 105 °C/125 °C
Temperature Range -40 °C~+105 °C
Bending Radius 5 × Overall Diameter

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

Fire Performance in General
EN 50265-2-1; IEC 60332-1-2; NF C 32-070 2.1 (C2) Vertical flame propagation for a single insulated wire or cable
EN 50266-2-4 + EN 50305; IEC 60332-3-24; Vertical flame spread of vertically mounted bunched wires or cables
NF C 32-070 2.2 (C1); VDE 0472 Teil 804
EN 50266-2-2; IEC 61034-2; NF C 32-073 ; Low Smoke Emission
NF C 20-902; NF F 16 101; VDE 0472 Teil 816
EN 50267-2-1; IEC 60754-1; NF C 32-074; Halogen Free
NF C 20-454; VDE 0472 Teil 815
EN 50267-2-2/3; IEC 60754-2; NF C 32-074; Low Corrosivity (Acidity & Conductivity)
NF C 20-453; VDE 0472 Teil 813
EN 50305; NF X 70-100; NF F 63 808; TM1-04; BS6853
NF F 63 808; BS6853; NF F 16 101 Low Toxicity
Smoke Index
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<th>Number of Cores</th>
<th>Nominal Cross-Sectional Area</th>
<th>Number &amp; Nominal Diameter of Strands</th>
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**IRMF 903**
- Fuel Oil Resistant
- Fire Retardant
- Flame Retardant
- Low Toxicity
- Low Corrosivity
- Zero Halogen

**IRMF 902**
- Mineral Oil Resistant
- Ozone Resistant
- Abrasion Retardant
- Cold Resistant
- Resistance To Soldering Heat
- Acid & Alkaline Resistant
- UV Resistant
- Highly Flexible
- Corona Resistant
- Highly Flexible
- UV Resistant
- Abrasion Retardant
- Cold Resistant
- Resistance To Soldering Heat
- Acid & Alkaline Resistant
- UV Resistant
- Highly Flexible