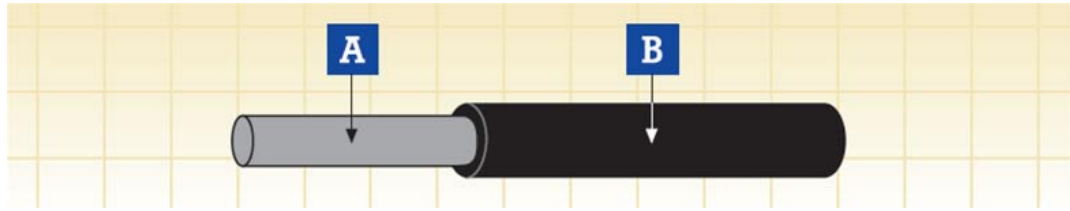




NF F 63-808 Rolling Stock Cables

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

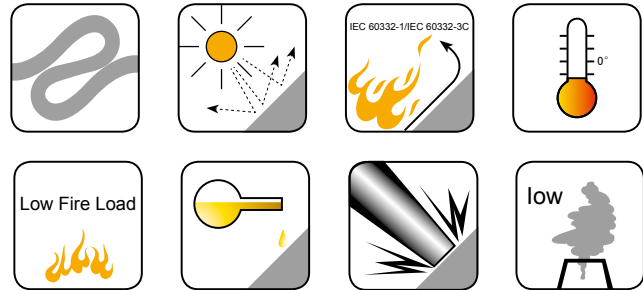
Construction

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

EN 50265-2-1; IEC 60332-1; BS 4066-1
EN 50266-2-4 + EN 50305; IEC 60332-3C;
VDE 0472 Teil 804; BS 4066-3; NFC 32070
EN 50268-2; IEC 61034-2; VDE 0472 Teil 816
EN 50267-2-1; IEC 60754-1; VDE 0472 Teil 815
EN 50267-2-2/3; IEC 60754-2; VDE 0472 Teil 813
EN 50305; NFX 70-100; NFF 63808; TM1-04; BS6853
NFF 16101; NFF 63808; BS6853

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

Nominal Cross Sectional Area	Number & Nominal Diameter of Strands	Overall Diameter		Weight
		Min. mm	Max. mm	
mm ²	No/mm			kg/km
0.38	19/0.16	1.15	1.35	4.7
0.60	19/0.20	1.30	1.55	6.5
0.93	19/0.25	1.55	1.80	9.9
1.34	19/0.30	1.80	2.00	14.0
1.82	37/0.25	2.10	2.40	18.4
2.61	37/0.30	2.50	2.80	27.8
4.32	61/0.30	3.00	3.30	44.2