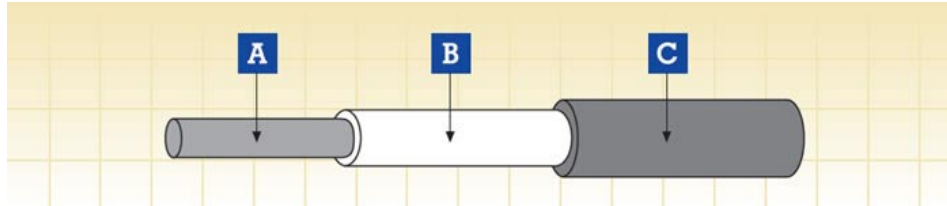




NF F 63-826 Rolling Stock Cables

NF F 63-826 Standard Wall Sheathed Single Core 1500V, 3000V



A. Conductor B. Insulation C. Sheath

Application

These cables are 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, suitable for used in control, auxiliary and main circuit wiring such as cable harnesses, switchboards and control panels, driver desks etc.

Construction

Conductor

Stranded tinned copper wires to IEC 60228 Class 5

Insulation

Halogen free compound

Sheath

Halogen free compound

Electrical & Mechanical Properties

Nominal Voltage	1500V, 3000V
Maximum Conductor Temperature	+90/+105°C
Temperature Range	-25°C ~90°C
Bending Radius	4×OD

Standards

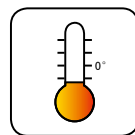
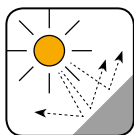
NF F 63-826
NF F 16-101
BS 6853

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





NF F 63-826 Rolling Stock Cables

1500V

Nominal Cross Sectional Area	Number & Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter		Weight
				Min.	Max.	
mm ²	No/mm	mm	mm	mm	mm	kg/km
1.5	30/0.25	2.3	1.5	8.9	9.9	130
2.5	50/0.25	2.3	1.5	9.3	10.3	145
10.0	80/0.40	2.3	1.8	11.9	13.3	290
50.0	396/0.40	2.5	2.2	18.3	20.3	850
120.0	608/0.50	2.8	2.6	25.0	27.5	1770
150.0	756/0.50	2.8	2.6	26.7	29.3	2150
185.0	925/0.50	2.9	2.8	29.0	31.8	2530

3000V

Nominal Cross Sectional Area	Number & Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter		Weight
				Min.	Max.	
mm ²	No/mm	mm	mm	mm	mm	kg/km
150.0	756/0.50	3.6	2.6	28.2	30.9	2270
185.0	925/0.50	3.7	2.8	30.5	33.4	2660