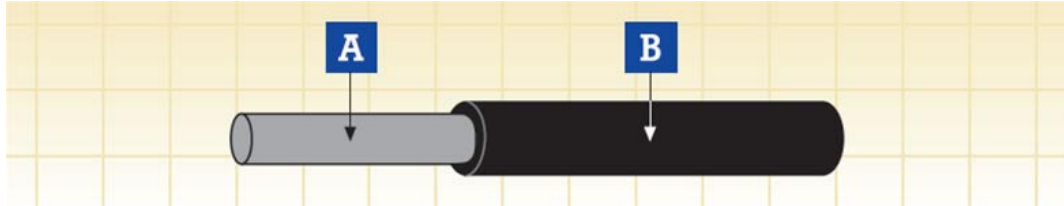




# NF F 63-826 Rolling Stock Cables

## NF F 63-826 Extra-Flexible Standard Wall Unsheathed Single Core 1500V



A. Conductor B. Insulation

### 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 6

#### Insulation

Special halogen free compound

### Electrical & Mechanical Properties

Nominal Voltage	1500V
Maximum Conductor Temperature	+90/+105°C
Temperature Range	-25°C ~90°C
Bending Radius	3×OD

### Standards

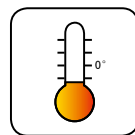
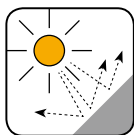
NF F 63-826  
NF F 16-101  
BS 6853

### 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

Nominal Cross Sectional Area	Number & Nominal Diameter of Strands	Nominal Insulation Thickness	Overall Diameter		Weight
			Min.	Max.	
mm <sup>2</sup>	No/mm	mm	mm	mm	kg/km
10.0	320/0.20	2.3	8.4	9.5	187
16.0	512/0.20	2.3	9.7	10.8	266
25.0	800/0.20	2.3	11.0	12.2	354
35.0	1120/0.20	2.4	12.4	13.7	440
50.0	705/0.30	2.5	14.2	15.5	613
70.0	990/0.30	2.7	16.1	17.7	875
95.0	1340/0.30	2.7	18.0	19.8	1045
120.0	1690/0.30	2.8	20.0	21.9	1350
150.0	2123/0.30	2.8	21.8	23.8	1650
185.0	1470/0.40	2.9	23.7	25.9	2130