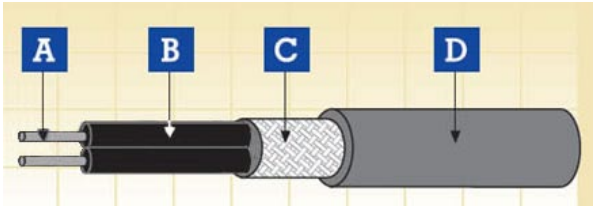
NF F 63-808 Thin Wall Screened Multicore 250 V



A. Conductor B. Insulation C. Screen D. Sheath

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

Screen

Tinned copper braid

Sheath

Radiation crosslinkable LSZH compound

Electrical & Mechanical Properties

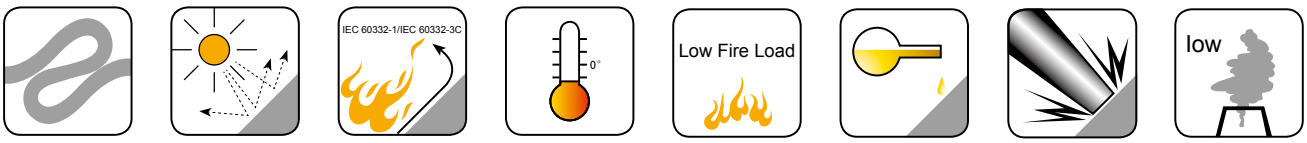
Nominal Voltage	250 V
Maximum Conductor Temperature	+105/+125℃
Temperature Range	-40℃ ~105℃
Bending Radius	5×OD

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	Vertical flame propagation for a single insulated wire or cable
EN 50266-2-4 + EN 50305; IEC 60332-3C; VDE 0472 Teil 804; BS 4066-3; NFC 32070	Fire propagation of bunched wires and cables;
EN 50268-2; IEC 61034-2; VDE 0472 Teil 816	Smoke density
EN 50267-2-1; IEC 60754-1; VDE 0472 Teil 815	Halogen Free
EN 50267-2-2/3; IEC 60754-2; VDE 0472 Teil 813	Corrosivity of gases (Acidity & Conductivity)
EN 50305; NFX 70-100; NFF 63808; TM1-04; BS6853	Toxicity index
NFF 16101; NFF 63808; BS6853	Smoke index



Number of Cores	Nominal Cross Sectional Area	Number & Nominal Diameter of Strands	Overall Diameter		Weight
			Min.	Max.	
-	mm²	No/mm	mm	mm	kg/km
2	0.38	19/0.16	3.20	4.00	20.0
2	0.60	19/0.20	3.70	4.50	32.0
2	0.93	19/0.25	4.25	5.05	39.5
2	1.34	19/0.30	4.80	5.60	54.0
2	1.82	37/0.25	5.55	6.35	66.0
2	2.61	37/0.30	6.35	7.15	87.0
2	4.32	61/0.30	7.50	8.30	128.0
3	0.38	19/0.16	3.55	4.35	30.0
3	0.60	19/0.20	4.00	4.80	39.0
3	0.93	19/0.25	4.50	5.30	55.0
3	1.34	19/0.30	5.10	5.90	66.0
3	1.82	37/0.25	4.80	6.60	84.0
3	2.61	37/0.30	6.80	7.60	117.0
3	4.32	61/0.30	8.10	8.90	182.0
4	0.38	19/0.16	4.05	4.85	39.0
4	0.60	19/0.20	4.50	5.30	51.0
4	0.93	19/0.25	5.00	5.80	70.0
4	1.34	19/0.30	5.70	6.50	89.0
4	1.82	37/0.25	6.45	7.25	109.0
4	2.61	37/0.30	7.65	8.45	157.0
4	4.32	61/0.30	9.05	9.85	237.0