



K25 Track Feeder Cables to NF F 55-625

Applications

The cables are designed for fixed power or lighting installations in rail transport.

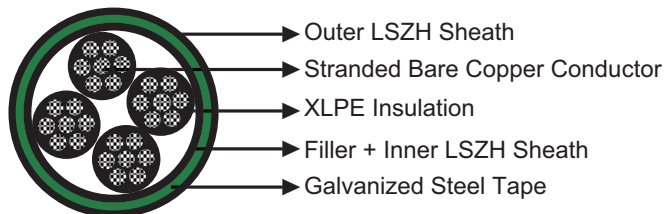


Standards

- NF F 55-625
- UNE 21123

Construction

- Conductors: Stranded bare copper conductor, 1.5mm² to IEC 60228 class 2.
- Insulation: XLPE.
- Filler & Inner Covering: LSZH.
- Armour: Galvanized steel tapes.
- Outer Sheath: LSZH, antitermite, coloured black.



Electrical Characteristics at 20°C

Nominal Conductor Cross Section	mm ²	1.5
Maximum DC Conductor Resistance	Ω/km	12.2
Minimum Insulation resistance @500VDC	MΩ.km	1500
Voltage Rating	KV	0.6/1 (0.45/0.75 optional)

Mechanical and Thermal Properties

- Minimum Bending Radius: 10×OD
- Operating Temperatures: -20°C to +60°C (during operation); -10°C to +60°C (during installation)

Core Identification

Colours coding: Black, Light blue, Brown, Green/Yellow, Black

➤ **Dimensions and Weight**

Cable Code	No. of cores & Nominal Conductor Cross Sectional Area No. x mm ²	No. & Nominal Diameter of Strands No/mm	Minimum Overall Diameter mm	Maximum Overall Diameter mm	Nominal Weight kg/km
RF/K25-RZ1F3Z1-U(AS)-0.6/1KV-2G1.5	2 x 1.5	7/0.53	8.0	12.0	100
RF/K25-RZ1F3Z1-U(AS)-0.6/1KV-4G1.5	4 x 1.5	7/0.53	12.5	14.5	300
RF/K25-RZ1F3Z1-U(AS)-0.6/1KV-12G1.5	12 x 1.5	7/0.53	18.0	20.0	590
RF/K25-RZ1F3Z1-U(AS)-0.6/1KV-21G1.5	21 x 1.5	7/0.53	22.0	24.0	830

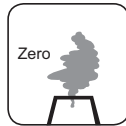
U is changed to K if the stranding class is changed from class 2 to class 5



Flame Retardant
NF C32-070-2.1(C2)
IEC 60332-1/EN 50265-2-1



Fire Retardant
NF C32-070-2.2(C1)
IEC 60332-3/EN50266



Zero Halogen
IEC 60754-1/NF C20-454
EN 50267-2-1



Low Smoke Emission
IEC 61034/NFC20-902
EN 50268/NF C32-073



Low Corrosivity
EN 50267-2-2/NF C32-074
IEC 60754-2/NF C20-453



Low Toxicity

