FTN Screening Conductor Cables

Applications

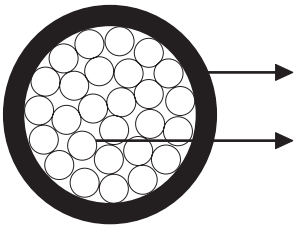
The cables are designed to be used for the purpose of screening telecommunication cables from electrical interference.

Standard

- NR/PS/TEL/31102(BR1817)
- BS 6485

Construction

- Conductors: Single core stranded aluminium to BS 215PT1.
- Insulation: PVC type 16 to BS 6485 or LSZH.



Electrical Characteristics at 20℃

Nominal Conductor Cross Section	mm²	150	250
Maximum DC Conductor Resistance	Ω/km	0.1825	0.1083

Mechanical and Thermal Properties

- Minimum Bending Radius: 9×OD
- Temperature Range: 0℃ to +70℃ (during operation);
  0℃ to +55℃ (during installation)

PVC Sheath

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

Dimensions and Weight

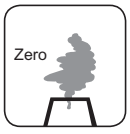
Cable Code	No. of cores& Nominal Conductor Cross Sectional Area No.×mm²	No. & Nominal Diameter of Strands No/mm	Nominal Insulation Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
RF31102-H07V-U-450/750V-1G150AL	1×150	19/3.25	1.6	19.45	629
RF31102-H07V-U-450/750V-1G250AL	1×250	19/4.22	1.6	24.30	995

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

LSZH Sheath

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