



## 450/750V Limited Fire Hazard Earthing Cables to SE774

### Applications

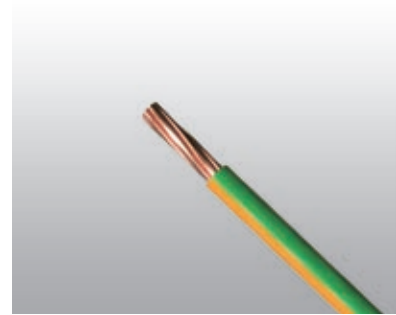
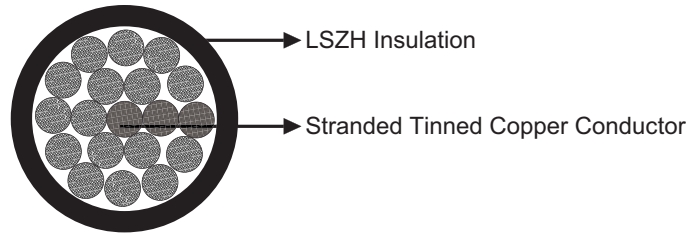
The single core signalling earth and power cables are used in safety signalling equipment rooms.

### Standards

- SE774
- UNE 21027

### Construction

- Conductors: Stranded tinned copper conductors.
- Insulation: Thermoplastic LSZH.



### Electrical Characteristics at 20°C

Nominal Conductor Cross Section	mm <sup>2</sup>	1.0	4.0	6.0	16.0	35.0
Maximum DC Conductor Resistance	Ω/km	18.2	4.7	3.11	1.16	0.529
Voltage Rating	KV	0.45/0.75				

### Mechanical and Thermal Properties

- Minimum Bending Radius: 7.5×OD
- Temperature Range: -25°C to +85°C (during operation); -10°C to +70°C (during installation)

### Dimensions and Weight

Cable Code	No. of cores & Nominal Conductor Cross Sectional Area No. × mm <sup>2</sup>	No. & Nominal Diameter of Strands No./mm	Nominal Insulation Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
RF774-ES07Z-U-450/750V-1G1	1×1.0	1/1.13	0.6	4.0	28
RF774-ES07Z-U-450/750V-1G4	1×4.0	7/0.85	0.8	5.5	33
RF774-ES07Z-U-450/750V-1G6	1×6.0	7/1.04	0.8	6.1	90
RF774-ES07Z-U-450/750V-1G16	1×16.0	7/1.7	1.0	8.1	197
RF774-ES07Z-U-450/750V-1G35	1×35.0	19/1.53	1.2	10.9	389

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