

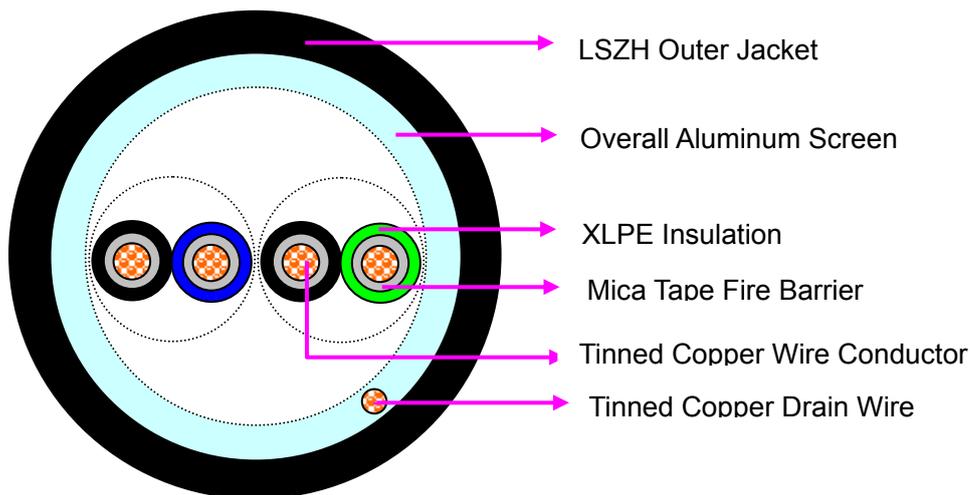


Fire Resistant Speaker Cables

Application

Preferably used for installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Construction



Conductor: Class 2 stranded tinned copper wire

Insulation: Cross-linked polyethylene (XLPE)

Twisting: Two insulated conductors uniformly twisted together to form a pair.

Pair Identification: 1) Black/Blue; 2) Black/Green;

3) Blue/Green; 4) Black/Brown;

5) Blue/Brown; 6) Green/Brown



7) Black/White; 8) Blue/White

9) Green/White; 10) Brown/White

Overall Collective Screen: Aluminum/polyester tape applied with the metallic side down in electrical contact with a 0.5mm² tinned copper drain wire. A 23 micron isolation tape is applied over the screening tape with a minimum 50% overlap.

Jacket: Low smoke & halogen free compound (LSZH)

Jacket Color: Black

Packing: Delivered on non-returnable wooden drums.

Physical Characteristics

Voltage Rating: 300/500V

Temperature Rating: During Operation: -40°C to +90°C

During Installation: 0°C to +50°C

Minimum Bending Radius: 6 x overall diameter

Fire Performance

Flame Retardant: IEC 60332 part 1 and part 3

Fire Resistant: IEC60331, BS6387 CWZ

Low Smoke Emission: IEC 61034

Zero Halogen Gas Emission: IEC 60754

Oxygen Index: ≥35%

Technical Data



No. of Pair	Size of Conductor	Conductor Stranding	Insulation Thickness	Sheath Thickness	Overall Diameter
No.	mm ²	No./mm	mm	mm	mm
2	1.00	32/0.20	0.60	0.80	11.00
2	2.50	50/0.25	0.80	1.10	17.00
2	4.00	56/0.30	0.80	1.20	19.00
10	2.50	50/0.25	0.80	1.50	34.00
10	4.00	56/0.30	0.80	1.80	39.50

The data included in the present catalogue are merely indicative; Caledonian Cables Limited reserves to itself the right to change them as its own discretion in any time.