



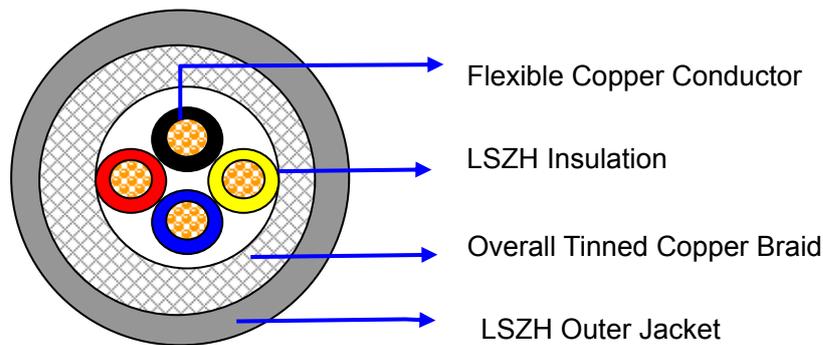
## Flame Retardant Cable to IEC60332-3C

**300/500V 2C/ 4C/ 8C 0.5 mm<sup>2</sup> Flexible Cu/LSZH/TCWB/LSZH**

### Application

The cables are mainly used in power stations, mass transit underground passenger systems, airports, petrochemical plants, hotels, hospitals, and high-rise buildings.

### Construction



Conductor:	Stranded flexible copper wire conductor
Insulation:	LSZH
Core Identification:	Color coding as per DIN47100
Shield:	Overall tinned copper braid
Sheathing:	LSZH
Sheath Color:	Light grey
Packing:	The cables are delivered on non-returnable wooden drums.



## Technical data

No. of Core	Conductor Size and Stranding	Nom. Thickness of Insulation	Tinned Copper Wire Braided Cable		
			Nominal Thickness of Sheath	Nominal Overall Diameter	Approx. Weight
No.	mm <sup>2</sup>	mm	mm	mm	kg/km
2	0.5 mm <sup>2</sup> (16/0.2mm)	0.45	1.0	6.3	62
4	0.5 mm <sup>2</sup> (16/0.2mm)	0.45	1.0	7.2	88
8	0.5 mm <sup>2</sup> (16/0.2mm)	0.45	1.0	8.9	135

## Physical characteristics

### Temperature rating:

- During operation: -20 to + 90°C
- During Installation: 0 to + 90°C

### Minimum bending radius:

During installation: 3 x Overall Diameter

**Flexibility:** Flexible

## Electrical characteristics

<b>Rated voltage:</b>	300/500V
<b>Max. conductor resistance at 20°C:</b>	39 ohm/km
<b>Min insulation resistance:</b>	≥500 M Ohm×Km
<b>Test voltage:</b>	2000V