

# Product Specifications

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## CY-JZ LSOH

### Standards

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Flame retardant to IEC 60332-1-2, VDE0482-332-1-2, EN 60332-1-2

Flame propagation test to IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24

Smoke density test to IEC 61034-2, VDE 0482-1034-2, EN 61034-2

Corrosive gas test to IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3

Halogen free test to IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1

### Description

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CY LSOH cables have a tinned copper wire braid to help provide electrical or mechanical protection against damage, or as an additional screening or earth as the braid is copper. CY LSOH can be used in measurement and control applications where low smoke and zero halogen properties are crucial.

### Applications

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Used as a connecting cable, as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines to



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meet stringent safety requirements. Suitable for fixed installations of flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load. Installation in dry and moist rooms; outdoor installation not permitted. These cables with copper screening are ideally suitable for interference free data and signal transmission in measuring and control technology.

## Specification

Conductor	Class 5 plain annealed copper to EN 60228, IEC 60228, DIN VDE 0295
Insulation	HFFR (Halogen Free Flame Retardant) compound to EN 50290-2-26
Tape	Polyester binder tape
Screen	Tinned copper wire braid
Outer sheath	HRRF (Halogen Free Flame Retardant) compound to EN 50290-2-27
Core colours	2 core : Black with White printed numbers. 3 cores plus: Black with White printed numbers and a G/Y earth core
Voltage	Nominal: 300/500 V Test: 2000V
Temperature Range	-15°C - +70°C flexing
Min. Bending Radius. (flexible)	7.5 x cable OD

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## Data Sheet

Size (mm)	Overall Diameter (mm)	Approx weight (Kg/km)
2x0.75	5.9	41
3x0.75	6.2	58
4x0.75	6.8	75
5x0.75	7.4	85
7x0.75	8.0	110
2x1.0	6.4	55
3x1.0	6.7	70
4x1.0	7.3	85
5x1.0	8.0	100
7x1.0	8.6	130
2x1.5	7.0	70
3x1.5	7.4	90
4x1.5	8.1	110
5x1.5	8.9	130
7x1.5	9.6	170
2x2.5	8.1	95
3x2.5	8.6	125
4x2.5	9.4	160
5x2.5	10.3	190
7x2.5	11.2	250