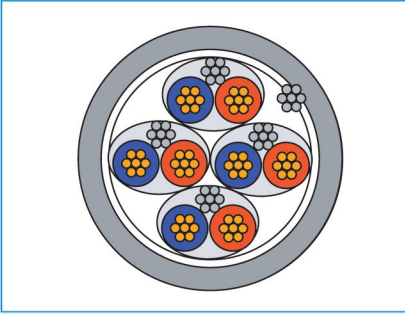


# JAMAK®-C LSZH

Symmetrical Data Cable for Industrial Control Equipment



## Application

These halogen-free, flame retardant and symmetrical data transmission cables are used in control and supervision center for industrial sites. They are suitable for fixed installation inside housings.

## Fire Rating

- IEC 60332-1; IEC 60754-2; IEC 61034

## Construction

<b>Conductor</b>	Stranded tinned copper 7x 0.29 mm
<b>Insulation</b>	PE (2Y)
<b>Conductor identification</b>	a-conductor blue; b-conductor red
<b>Stranding</b>	2 conductors to pair
<b>Stranding to core</b>	(0+4)
<b>Pair shielding</b>	Laminated AL-foil + copper drain wire 0.5 mm <sup>2</sup>
<b>Overall shielding</b>	2 Laminated AL-foils with inner copper drain wire 0.5 mm <sup>2</sup>
<b>Outer sheath</b>	LSZH (H), grey (RAL 7035), light resistant
<b>Outer Diameter</b>	Nom. 7.5(2pair) - 30.5(48pair) mm
<b>Weight</b>	Nom. 70(2pair) - 1000(48pair) kg/km

## Mechanical Properties

<b>Operating temperature</b>	- 30°C to + 70°C
<b>Min. Installation temperature</b>	- 5°C

## Electrical Properties at 20°C

<b>Loop resistance</b>	81 Ω/km
<b>Insulation resistance (at 500 V, 1 min.)</b>	2 GΩ*km
<b>Capacitance at 800 Hz</b>	85 nF/km
<b>Max. operating voltage</b>	75 V
<b>Relative velocity factor NVP</b>	0.66
<b>Impedance (at 10 MHz)</b>	70 Ω +/- 10 %

Frequency [kHz]	Attenuation [dB/100 m]
9.6	0.3
19.2	0.5
64	0.7
100	0.9
200	1.6
1000	4.5

## Ordering Information

P/N	Product Description	P.U
1005528-01000DX	2x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	1000m/drum
1005529-01000DX	4x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	1000m/drum
1005530-01000DX	8x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	1000m/drum
1005531-01000DX	24x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	1000m/drum
1006195-01000DX	24x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	1000m/drum
1006197-00500DX	48x(2+1)x0.5, Symmetrical Data Cable for Industrial Control Equipment, JAMAK®-C LSZH	500m/drum