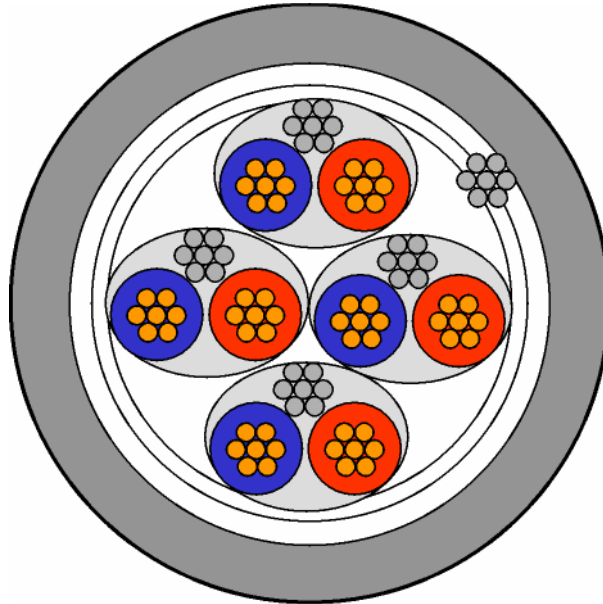




JAMAK[®]-C LSZH

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.

Flame resistance

IEC 60332-1

Construction

Conductor	Stranded tinned copper 7x 0.29 mm
Insulation	PE (2Y)
Conductor identification	a-conductor blue; b-conductor red
Stranding	2 conductors to pair
Stranding to core	(0+4)
Pair shielding	Laminated AL-foil + copper drain wire 0.5 mm ²
Overall shielding	2 Laminated AL-foils with inner copper drain wire 0.5 mm ²
Outer sheath	LSZH (H), grey (RAL 7035), light resistant

Mechanical properties

Operating temperature	- 30 °C to + 70 °C
Min. Installation temperature	- 5 °C



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Electrical properties

at 20°C

Loop resistance	81 Ω/km
Insulation resistance (at 500 V, 1 min.)	2 GΩ*km
Capacitance at 800 Hz	85 nF/km
Max. operating voltage	75 V
Relative velocity factor NVP	0.66
Impedance (at 10 MHz)	70 Ω +/- 10 %
Frequency	attenuation
[kHz]	[dB/100 m]
9.6	0.3
19.2	0.5
64	0.7
100	0.9
200	1.6
1000	4.5

Technical data

Part no.	Type	Dimension	Outer diameter mm	Standard length m	weight kg/km	Copper content
1005528-01000DX	JAMAK-C	2x(2+1)x0.5	8.0±0.5	1000	70	35
1005529-01000DX	JAMAK-C	4x(2+1)x0.5	9.5±0.5	1000	110	65
1005530-01000DX	JAMAK-C	8x(2+1)x0.5	13.0±0.5	1000	200	125
1005531-01000DX	JAMAK-C	12x(2+1)x0.5	15.0±0.8	1000	280	185
1006195-01000DX	JAMAK-C	24x(2+1)x0.5	21.0±1.0	1000	530	365
1006197-00500DX	JAMAK-C	48x(2+1)x0.5	29.0±1.5	500	1000	725