LiHCH TP



Application

These data control cables are used for flexible use with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air. LiHCH is well suited for use in areas subject to signal interference. The high level of screening reduces substantially the effects of electrical disturbances from parallel running wiring etc. The copper screening is also often used as an “earth“. The twisted pairs conform favourable cross-talk attenuation values.

Standards

IEC 60332-1-2, IEC 60332-3-24 (Cat. C)
IEC 61034-2, IEC 60754-2, IEC 60754-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	Stranded electrolytic copper wire Class5
Core Insulation	Halogen Free polymer
Core Color	DIN 47100
Stranding Elements	in Lagen
Inner Sheath Material	PE Folie
Overall Shielding	Tinned copper braiding
Outer Insulation Material	Halogen Free polymer

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	7.5
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-40 °C bis 70 °C

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Elektronikleitungen
Electronic Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01919003	2x2 x 0,14	grey - grey	38,0	5,5
01919011	2x2 x 0,25	grey - grey	45,0	6,0
01919018	2x2 x 0,34	grey - grey	69,0	7,3
01919001	2x2 x 0,5	grey - grey	68,0	7,8
01919026	2x2 x 0,75	grey - grey	105,0	9,0
01919050	2x2 x 1	grey - grey	142,0	10,5
01919004	3x2 x 0,14	grey - grey	48,0	6,4
01919002	3x2 x 0,25	grey - grey	66,0	7,0
01919024	3x2 x 0,5	grey - grey	109,0	9,1
01919027	3x2 x 0,75	grey - grey	137,0	10,1
01919052	3x2 x 1	grey - grey	173,8	10,6
01919005	4x2 x 0,14	grey - grey	67,0	7,4
01919012	4x2 x 0,25	grey - grey	83,0	8,0
01919020	4x2 x 0,34	grey - grey	111,0	9,7
01919031	4x2 x 0,5	grey - grey	134,0	10,3
01919028	4x2 x 0,75	grey - grey	166,0	11,5
01919038	5x2 x 0,14	grey - grey	76,0	7,2
01919035	5x2 x 0,5	grey - grey	150,0	10,8
01919006	6x2 x 0,14	grey - grey	86,0	8,1
01919013	6x2 x 0,25	grey - grey	115,0	9,2
01919029	6x2 x 0,5	grey - grey	176,0	11,4
01919034	6x2 x 0,75	grey - grey	236,0	13,4
01919014	7x2 x 0,25	grey - grey	119,0	9,5
01919043	8x2 x 0,25	grey - grey	129,0	9,8

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Elektronikleitungen
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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01919055	8x2 x 0,5	grey - grey	187,0	12,2
01919045	8x2 x 0,75	grey - grey	332,0	16,0
01919033	10x2 x 0,25	grey - grey	153,0	10,9
01919032	10x2 x 0,5	grey - grey	280,0	14,3
01919048	10x2 x 0,75	grey - grey	363,0	15,0
01919030	12x2 x 0,5	grey - grey	330,0	16,0
01919049	15x2 x 0,75	grey - grey	500,0	18,3
01919041	16x2 x 0,25	grey - grey	213,0	12,0
01919054	16x2 x 0,5	grey - grey	480,0	17,0
01919057	18x2 x 0,5	grey - grey	450,0	18,3
01919039	24x2 x 0,5	grey - grey	720,0	18,0

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