



Halogen-free cables - LIHCH (EMC-type)  
flexible switch and control cables acc. to DIN VDE 47100



### Technical attributes

Conductor material	Cu, bare
Conductor type	Cu-bare
Conductor standard	DIN VDE 0295
Conductor category	5
Core colours	DIN 47100
Outer sheath	halogen-free special mixture
Outer sheath colour	grey
Temperature range min., mobile operation	-30 °C
Temperature range max., mobile operation	+70 °C
Temperature range min., fixed installation	-30 °C
Temperature range max., fixed installation	+70 °C
Nominal voltage U <sub>0</sub> /U	300/500 V
halogen-free	
RoHS-compliant	yes

### Description

Flexible data transmission, control and interconnecting cable for measuring, control and regulation technology, intercom systems, machine, tool and equipment manufacturing and electronics, especially where small dimensions are required. Suitable for use in buildings where the release of halogens in the event of fire must be avoided in dry and damp rooms, or concealed, but not outdoors or in the ground.

### Note

flexible switch and control cables acc. to DIN VDE 47100

### Product table

product number	product name	halogen-free	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Dimensions H x W ca. [mm]	Outer sheath colour
01640003	LIHCH 12 x 0,14		78,00	30,40	6,30	grey	
01640026	LIHCH 2 x 0,25 gy		23,00	14,60	4,40	grey	
01640006	LIHCH 4 x 0,25		37,00	21,00	4,90	grey	
01640033	LIHCH 5 x 0,25		42,00	24,70	5,20	grey	
01640015	LIHCH 7 x 0,25		49,00	31,20	5,60	grey	
01640027	LIHCH 10 x 0,25		81,00	42,10	7,20	grey	
01640016	LIHCH 12 x 0,25		88,00	47,50	7,4	7,40	grey
01640014	LIHCH 16 x 0,25		113,00	98,10	8,50	grey	
01640018	LIHCH 18 x 0,25		126,00	78,00	9,00	grey	
01640024	LIHCH 25 x 0,25		164,00	116,50	10,30	grey	
01640012	LIHCH 2 x 0,34		31,00	16,90	4,90	grey	



Halogen-free cables - LIHCH (EMC-type)  
flexible switch and control cables acc. to DIN VDE 47100

product number	product name	halogen-free	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Dimensions H x W ca. [mm]	Outer sheath colour
01640028	LIHCH 3 x 0,34		38,00	20,60	5,10	grey	
01640009	LIHCH 4 x 0,34		47,00	24,50	5,10	grey	
01640007	LIHCH 7 x 0,34		76,00	38,20	6,90	grey	
01640013	LIHCH 10 x 0,34		80,00	32,40	7,70	grey	
01640001	LIHCH 16 x 0,34		160,00	94,00	9,40	grey	
01640008	LIHCH 2 x 0,5		54,00	29,00	5,80	grey	
01640029	LIHCH 3 x 0,5		36,00	30,00	4,80	grey	
01640021	LIHCH 4 x 0,5		57,00	35,30	6,10	grey	
01640019	LIHCH 5 x 0,5	grey		76,00	57,00	7,10	
01640002	LIHCH 6 x 0,5		104,00	59,00	7,80	grey	
01640025	LIHCH 6 x 0,5		92,00	69,00	7,30	grey	
01640011	LIHCH 10 x 0,5		135,00	88,70	9,40	grey	
01640020	LIHCH 12 x 0,5		148,00	98,70	9,70	grey	
01640005	LIHCH 2 x 0,75		64,00	38,00	5,90	grey	
01640017	LIHCH 3 x 0,75		60,00	38,10	6,30	grey	
01640004	LIHCH 4 x 0,75		92,00	58,00	7,00	grey	
01640032	LIHCH 7 x 0,75		127,00	88,40	8,50	grey	
01640031	LIHCH 10 x 0,75		175,00	122,50	10,50	grey	
01640010	LIHCH 12 x 0,75		196,00	137,20	11,20	grey	
01640022	LIHCH 2 x 1		72,00	43,00	6,50	grey	
01640023	LIHCH 3 x 1		90,00	56,00	7,00	grey	
01640030	LIHCH-OZ 4 x 1		107,00	80,00	8,70	grey	
01640034	LIHCH 2 x 1,5		90,00	56,00	6,90	grey	