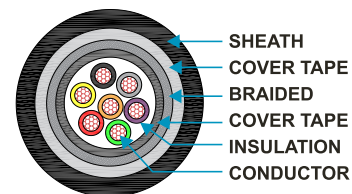




## Data Cables

LiHCH (TP) - Halogen Free Copper Braid Shielded, Twisted Pairs



### Application

- Halogen-free data transmission cables used in control and signal lines and in electronics for computer systems, electronic control and regulation, office machinery where cables of robust construction and relatively small outer diameter are required
- The overall screening protects against external electrical influences and ensures precise transmission
- LiHCH (TP) is a data transmission cable with particularly efficient screening against electro magnetic interference
- The pair-twisted conductors in this Miracle LiHCH reduce electrical cross-talk between adjacent pairs and this offers protection against capacitive influences by external electrical fields, which are for example caused by parallel running power cables

### Properties

- Minimum bending radius : 10 D x Cable diameter
- Oil resistance
- Flame retardant - As per IEC 60332-1-2
- Low smoke zero halogen (LSZH)
- Halogen free as per IEC 60754-1
- Low smoke density according to IEC 61034-2

### Construction

- Conductor : Tinned or bare stranded flexible copper wire
- Insulation : Halogen-free thermoplastic compound
- Core identification : DIN 47100 without colour repetition
- Laying up : Cores twisted into pairs - pairs twisted into layers
- Braiding : Tinned copper braid
- Sheath : Halogen-free thermoplastic compound according to EN 50363 with low emission of fume and toxic and acid gases
- Outer jacket colour : Black, RAL 9005

### Technical Parameter

- Temperature range : Static -5°C to +80°C, dynamic -30°C to +80°C
- Nominal voltage : 300 V
- Test voltage : 1200 V
- Mutual capacitance : Approx 80 nF/km C/C  
Approx 120 nF/km C/S
- Inductance : Approx .65 mH/km



### Dimension

Part Code	No. of Core x AWG	Outer Diameter approx mm	Cable Wt. kg/km
0907B002602	2 x 26	3.6	16
0907B002603	3 x 26	3.8	19
0907B002604	4 x 26	4.1	22
0907B002606	6 x 26	4.7	30
0907B002608	8 x 26	5.1	35
0907B002610	10 x 26	5.8	42
0907B002402	2 x 24	4.0	17
0907B002403	3 x 24	4.2	25
0907B002404	4 x 24	4.5	29
0907B002406	6 x 24	5.2	37
0907B002408	8 x 24	5.5	45
0907B002410	10 x 24	6.3	53
0907B002002	2 x 20	4.6	28
0907B002003	3 x 20	4.9	36
0907B002004	4 x 20	5.4	47
0907B002006	6 x 20	6.1	64
0907B002008	8 x 20	6.8	79
0907B002010	10 x 20	7.8	95

0907 - Data Cables