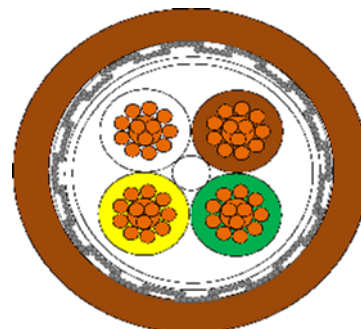


SIGNAL CONTROL CABLES
LIHCH
(VDE 0812)

APPLICATION

- In places where electro-magnetic interference and influence exists
- Indoors where people are densely populated
- Instrumentation and control engineering
- Industrial electronics
- Computers and office machines
- Indoor communication systems
- Indoor sound systems
- In places where human life and valuable materials and equipment need to be protected



Good EMC Characteristics/ Flame Retardant Characteristic/ Low Smoke Emission/ Without Poisonous and Corrosive Gases/UV Resistant

TECHNICAL CHARACTERISTICS

- | | |
|-----------------------------|--|
| 1 - Conductor | : IEC 60228/ DIN EN 60228/ EN 60228 Class 5 Stranded Electrolytic Plain Copper |
| 2 - Insulation | : EN 50290-2-26 HFFR Compound |
| 3 - Insulation Colour | : DIN 47100 |
| 4 - Stranding | : In Layers Of Optimum Pitch |
| 5 - Overall Wrapping | : PES Tape |
| 6 - Overall Screen | : Tinned Copper Wire Braiding (80% Coverage) |
| 7 - Sheath | : EN 50290-2-27 HFFR Compound |
| 8 - Sheath Colour | : RAL8001-Brown |
| 9 - Min. Bending Radius | : 15 x D |
| 10 - Impedance | : 78 Ω |
| 11 - Inductance | : 0,67 mH/km |
| 12 - Operating Voltage | : 300/500 V |
| 13 - Test Voltage | : 2000 V |
| 14 - Temperature Range | : -30°C ~ +70°C (Fixed Laying) |
| 15 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 16 - Flame Propagation Test | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 17 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 18 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 19 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 20 - UV Resistant | : Yes |
| 21 - Cable Marking | : kabeltec LIHCH ..x0,75 mm ² CTS UV LSZH 300/500V @UE/@OK CCCCC mt |

Cross Section (mm ²)	Overall Diameter (mm)	Conductor Resistance (Ω /Km)	Insulation Resistance (M Ω xkm)	Mutual Capacity (nF/km)	Current Load (A)	Approx. Weight (kg/km)	Kabeltec Code
2X0,75	5,50±%10	26,0	200	120	13	46	2140020075BN/UV
3X0,75	5,80±%10					56	2140030075BN/UV
4X0,75	6,30±%10					69	2140040075BN/UV
5X0,75	7,0±%10					84	2140050075BN/UV
6X0,75	7,4±%10					96	2140060075BN/UV
7X0,75	7,60±%10					104	2140070075BN/UV