

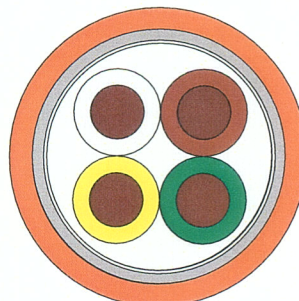
SIGNAL CONTROL CABLES

LIHCH (UV)

(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



Flame Retardant Characteristic/ Low Smoke Emission/ Without Poisoned 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 | : RAL 8001 Brown |
| 9 - Min.Bending Radius | : 15 x Cable Φ |
| 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 |
| 15 - Flame Retardant Test | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 |
| 16 - Flame Propagation Test | : IEC 60332-3-24, VDE 0482-332-3-24, 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 0482-267-2-3, EN 50267-2-3 |
| 19 - Halogen Free Test | : IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 |
| 20 - UV Resistant Test | : UL 1581 |

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)
2x0,75	5,45±1,0	26	20	120	13	44
3x0,75	5,75±1,0					55
4x0,75	6,5±1,0					72
5x0,75	7,0±1,0					84
7x0,75	7,6±1,0					109