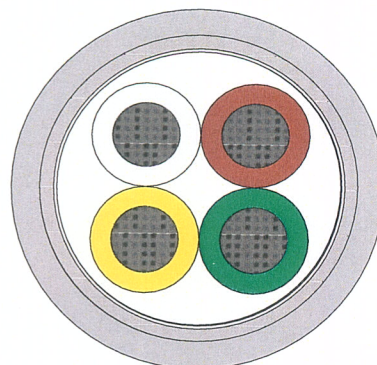


### HALOGEN FREE SIGNAL AND CONTROL CABLES LIHCH UV VDE 0812

#### 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 VDE 0295/ EN 60228/ Class 5 Electrolytic Bare Copper |
| 2 - Insulation              | : EN 50290-2-26 HFFR Compound   |
| 3 - Colour Code             | : DIN 47100   |
| 4 - Stranding               | : In Layers Of Optimum Pitch  |
| 5 - Wrapping                | : PES Tape ( <b>23μ</b> )   |
| 6 - Screen                  | : Tinned Copper Braid ( <b>80% Coverage</b> )                         |
| 7 - Sheath                  | : EN 50290-2-27 HFFR Compound   |
| 8 - Sheath Colour           | : RAL 7001 Grey   |
| 9 - Bending Radius          | : 15xCable $\Phi$   |
| 10 - Impedance              | : 78 $\Omega$   |
| 11 - Operating Voltage      | : 300/500V  |
| 12 - Test Voltage           | : 2000V   |
| 13 - Temperature Range      | : -30°C ~+70°C  |
| 14 - Flame Retardant Test   | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2                       |
| 15 - Flame Propagation Test | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24                    |
| 16 - Smoke Density Test     | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2                            |
| 17 - Corrosive Gas Test     | : IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3                         |
| 18 - Halogen Free Test      | : IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1                         |
| 19 - UV Resistant           | : UL 1581   |

Cross Section (mm <sup>2</sup> )	Outer Diameter (mm)	Approx. Weight (kg/km)	Conductor Resistance ( $\Omega$ /Km)	Insulation Resistance (M $\Omega$ xkm)	Mutual Capacity (pF/m)
4x0,75	6,50±0,50	85	26,0	20	120