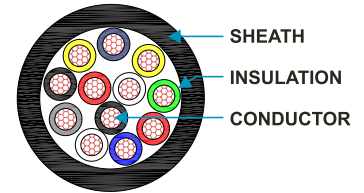


Data Cables

LiHH - Halogen Free Unshielded



Application

LiHH cables are used in the industrial applications, for indoor use, like signal transmission and control cable. Due to their low dimensions, they are widely used in applications like: electronic control systems of computer or audio systems or in communication sector, electronic circuits, measurement devices, office equipment, etc. Thanks to use of halogen-free and flame retardant materials (HFFR cables), they don't easily burn, the flames go off by themselves, but above all, they emit very low fumes and toxic and corrosive gases during the fire. Their use is strongly recommended in public buildings, or everywhere it's important to protect and save goods and human population against the acid gases that could be emitted during a fire.

Properties

- Halogen free : EN 50525-1, EN 50267-2-2, EN 50267-2-1, EN 60884-2
- Flame resistance : IEC 60332-1-2
- Fire resistance : IEC 60332-3-24 Cat. C

Construction

- Conductor : Class 5 bare or tinned copper flexible conductor, conforming to IEC 60228 requirements
- Insulation : Halogen-free thermoplastic compound accordingly to EN 50363 with low emission of fume and toxic and acid gases
- Sheath : Halogen-free thermoplastic compound accordingly to EN 50363 with low emission of fume and toxic and acid gases

Technical Parameter

- Temperature range : - 20°C to 70 °C
- Short-circuit temperature : 160°C
- Rated voltage : 300 Vac
- Test voltage : 1500 Vac
- Bending radius : $\geq 8 \times D$ (fixed installation)



Dimension

Part Code	No. of pairs n x 2 x mm ²	Outer Diameter mm	Cable Wt. kg/km
0905T020002	2 x 0.25	3.7	19
0905T030002	3 x 0.25	4.0	22
0905T040002	4 x 0.25	4.4	27
0905T050002	5 x 0.25	4.7	35
0905T060002	6 x 0.25	5.0	45
0905T070002	7 x 0.25	5.0	50
0905T080002	8 x 0.25	5.8	55
0905T100002	10 x 0.25	6.5	65
0905T120002	12 x 0.25	6.7	72
0905T140002	14 x 0.25	7.0	85
0905T160002	16 x 0.25	7.5	100
0905T190002	19 x 0.25	8.0	112
0905T210002	21 x 0.25	8.5	116
0905T250002	25 x 0.25	9.7	130

0905 - Data Cables