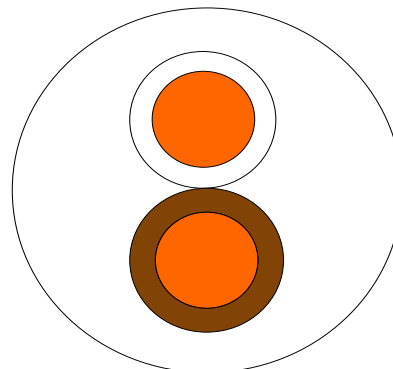


FIRE RESISTANT HALOGEN FREE CABLES (VDE 0812) ***FIREFIT LIHH -TP FE180/PH 90 (CLASS 1)***

APPLICATION

In covered places where people are densely found

- Instrumentation and control engineering
- Industrial electronics
- For signal transmission
- Intercommunication systems in buildings
- In safety and fire alarm systems
- In places where human life and valuable materials and equipment need to be protected



Approvals

EN50200 / IEC60331-2, IEC60332-1, IEC60332-3, IEC60754-2, IEC61034, IEC60331, CE, RoHS

TECHNICAL CHARACTERISTICS

- | | | |
|---------------------------|---|----------------------|
| 1 - Conductors | : IEC 60228/ DIN VDE 0295/ EN 60228/ Class 1 Electrolytic Bare Copper | : Cross-Linked Ceram |
| 2 - Insulation | ic Forming Polymer Compound | |
| 3 - Colour Code | : DIN 47100 | |
| 4 - Stranding | : Pairwise | |
| 5 - Sheath | : EN 50290-2-27 HFFR Compound | |
| 6 - Sheath Colour | : RAL 9003 White | |
| 7 - Bending Radius | : 7,5xCable Φ | |
| 8 - Operating Voltage | : 300/500V | |
| 9 - Test Voltage | : 2000V | |
| 10 - Temperature Range | : -40°C ~+70°C | |
| 11 - Flame Reterdant Test | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 | |
| 12 - Flame Propagation | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 | |
| 13 - Smoke Density | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 | |
| 14 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 | |
| 15 - Halogen Free Test | : IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 | |
| 16 - Printing/Marking | : FIREFIT LIHH-TP FE180/PH90 EN50200 IEC60331-2 optional: meter/production year | |

<i>Cross Section</i>	<i>Outer Diameter (mm)</i>	<i>Conductor Resistance (Ω/Km)</i>	<i>Current Load (A)</i>	<i>Mutual Capacitance (nF/km)</i>	<i>Insulation Resistance (MΩxKm)</i>	<i>Approx. Weght (kg/km)</i>
1x2x0,80	4,40 $\pm$ 1,0	36	6	120	20	33
1x2x1	5,30 $\pm$ 1,0	18,1	16			51