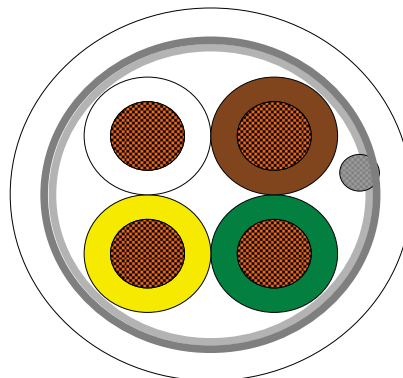


**FIRE RESISTANT HALOGEN FREE CABLES (VDE 0812)
FIREFIT LIH(St)H FE 180 PH 90**

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 5 ELECTROLYTIC STRANDED COPPER |
| 2 - Insulation | : CROSS-LINKED CERAMIC FORMING POLYMER COMPOUND |
| 3 - Colour Code | : DIN 47100 |
| 4 - Stranding | : IN LAYERS OF OPTIMUM PITCH |
| 5 - Wrapping | : PES TAPE |
| 6 - Screen | : TINNED COPPER DRAIN WIRE; AL-PES TAPE |
| 7 - Sheath | : EN 50290-2-27 HFFR COMPOUND |
| 8 - Sheath Colour | : RAL 9003WHITE |
| 9 - Bending Radius | : 7,5xCABLE Ø |
| 10 - Operating Voltage | : 300/500 V |
| 11 - Test Voltage | : 2000 V |
| 12 - Temperature Range | : -40°C ~+70°C |
| 13 - Flame Reterdant Test | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 |
| 14 - Flame Propagation | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 |
| 15 - Smoke Density | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 16 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 |
| 17 - Halogen Free Test | : IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 |
| 18 - Printing/Marking | : FIREFIT LIH(St)H FE180/PH90 EN50200/IEC60331-2 optional: meter/production year |

CROSS SECTION	OUTER DIAMETER [mm]	APPROX WEIGHT [kg/km]	CONDUCTOR RESISTANCE [Ω /Km]	MUTUAL CAPACITANCE [nF/km]	INSULATION RESISTANCE [$M\Omega \times Km$]
2X0,75	5,2±0,5	40	26	120	20
3X0,75	5,7±0,5	52,5			
4X0,75	6,2±0,5	64			
6X0,75	7,3±0,5	91			