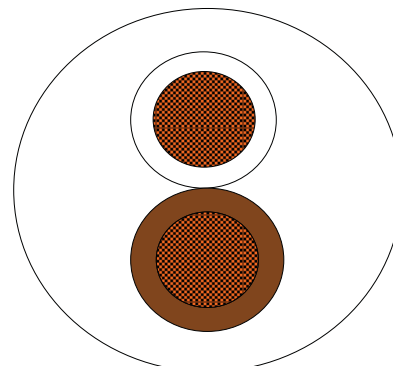


**FIRE RESISTANT HALOGEN FREE CABLES (VDE 0812)
FIREFIT LIHH-TP FE180/PH 90**
APPLICATION

- 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 | : PAIRWISE,PAIRS IN LAYERS |
| 5 - Sheath | : EN 50290-2-27 HFFR COMPOUND |
| 6 - Sheath Colour | : RAL 9003 WHITE |
| 7 - Bending Radius | : 7,5xCABLE Ø |
| 8 - Operating Voltage | : 300/500 V |
| 9 - Test Voltage | : 2000 V |
| 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 |

CROSS SECTION	OUTER DIAMETER [mm]	APPROX WEIGHT [kg/km]	CONDUCTOR RESISTANCE [Ω /Km]	MUTUAL CAPACITANCE [nF/km]	INSULATION RESISTANCE [$M\Omega \times Km$]
1X2X1	5,6±0,5	53	19.5	120	20
1X2X1,5	6±0,5	64,5	13.3	140	
1X2X2,5	7,4±0,5	100	7.98	150	