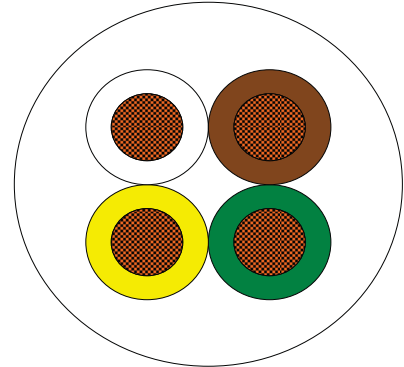


FIRE RESISTANT HALOGEN FREE CABLES (VDE 0812)
FIREFIT LIHH FE180/PH 90

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	: IN LAYERS OF OPTIMUM PITCH
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 Retardant 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 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±0,5	42	26	120	20
3X0,75	5,5±0,5	53			
4X0,75	6±0,5	66			
6X0,75	7,1±0,5	91			
4X1,5	7±0,5	99	13.3	140	