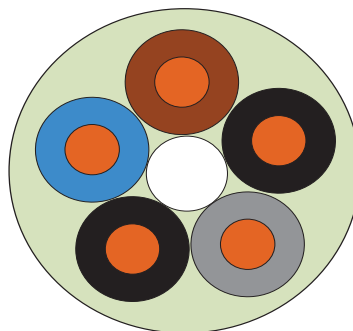




FIRE RESISTANT SIGNAL CONTROL CABLES
FIREFIT UFRH-O FE 180 / PH 90 (CLASS1)
300/500 V

APPLICATION

- Schools, otel, hospitals meeting and shopping centers, airports, subway cinemax, etc. places that have to save human life and value equipments
- Instrumentation and control engineering



Approvals

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

TECHNICAL CHARACTERISTICS

- | | |
|-------------------------------|---|
| 1 - Conductor | : IEC 60228/ DIN EN 60228/ EN 60228 Class 1 Electrolytic Solid Copper |
| 2 - Insulation | : Cross-Linked Special Polymer Compound |
| 3 - Insulation Colour | : DIN VDE 0293; HD 308 S2 |
| 4 - Stranding | : In Layers Of Optimum Pitch |
| 5 - Sheath | : EN 50290-2-27 HFFR Compound |
| 6 - Sheath Colour | : RAL 7032 Grey |
| 7 - Min.Bending Radius | : 10 x D |
| 8 - Operating Voltage | : 300/500 V |
| 9 - Test Voltage | : 2000 V |
| 10 - Temperature Range | : -40°C ~+70°C (Fixed Laying) |
| 11 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 12 - Flame Propagation Test | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 13 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 14 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 15 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 16 - Printing / Cable Marking | : FIREFIT UFRH-J ...x... EN50200 IEC60331-2 CCCCC mt YYYY |

Cross Section (mm ²)	Overall Diameter (mm)	Conductor Resistance (Ω /Km)	Insulation Resistance (M Ω xkm)	Current Load (A)	Approx. Weight (kg/km)
2x1,5	7,60±%10	12,10	20	20	95
3x1,5	8,00±%10				113
4x1,5	8,80±%10				138
5x1,5	9,60±%10				169
2x2,5	8,80±%10	7,41		25	135
3x2,5	9,30±%10				163
4x2,5	10,40±%10				205
5x2,5	11,60±%10				258