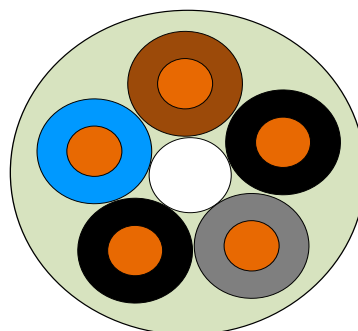




FIRE RESISTANT SIGNAL CONTROL CABLES
FIREFIT UFRH-O FE 180 / PH 90 (CLASS1)
300/500 V

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



Fire Resistant/ Flame Retardent Characteristic/ Low Smoke Emission/ Without Poisonous and Corrosive Gases
Circuit Integrity For Min. 180 Minutes (FE180)/ Circuit Integrity With Shock for Minimum 90 Minutes (PH90) (IEC 60331-2)

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, RAL 3000 Red |
| 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 - Circuit Integrity Test (FE 180) | : IEC 60331-23 |
| 17 - Circuit Integrity With Shock Test (PH90) | : EN 50200, VDE 0482-200, BS EN 50200 |
| 18 - Cable Marking | : kabeltec Firefit UFRH-O FE180-PH90 2x1,5 Class 1 IEC 60331-2/EN 50200 @UE/@OK CCCCC mt |

Cross Section (mm ²)	Overall Diameter (mm)	Conductor Resistance (Ω /Km)	Insulation Resistance (MΩxkm)	Current Load (A)	Approx. Weight (kg/km)	Kabeltec Code
2x1,5	7,60±%10	12,10	20	20	95	891020150
3x1,5	8,00±%10				113	891030150
4x1,5	8,80±%10				138	891040150
5x1,5	9,60±%10				169	891050150
2x2,5	8,80±%10	7,41		25	135	891020250
3x2,5	9,30±%10				163	891030250
4x2,5	10,40±%10				205	891040250
5x2,5	11,60±%10				258	891050250