

# FireKab SIHF FE180



## Areas of Use

FireKab fire resistant cables are used for fire alarm systems, power supply or control of equipment that needs to function during a fire such as warning, emergency lighting, evacuation and monitor systems. The place of usage is intelligent or semi-intelligent buildings where dense human population or valuable goods are found. These can be hospitals, cinemas, theatres, schools, shopping centers, airports, factories, etc. FireKab products have low smoke density, are halogen-free and they don't emit poisonous gases.

## Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 5)
Insulation	Fire Resistant Silicon Rubber (EN 50363-1, BS 7655 EI2)
Core Colors	BS 7671, HD 308-S2,VDE 0293-308 (for more than 5 cores white core-black numbered)
Outer Sheath	Special Fire Resistant Silicon Rubber, Oxbrown - Red

## Technical Properties

Operating Voltage	<1.5 mm² 300 V - 500 V; >1.5 mm² 450 V - 750 V
Test Voltage	2500 V
Conductor Resistance	0.75 mm² - ≤26 Ω/km; 1.00 mm² - ≤19.3 Ω/km; 1.50 mm² - ≤13.3 Ω/km; 2.50 mm² - ≤8 Ω/km
Insulation Resistance	>200 M.Ωxkm
Temperature Range	Sabit: -50 °C.....+180 °C, Hareketli: -20 °C.....+150 °C
Smoke Density	IEC/EN 61034-2
Amount of Halogen Acid Gas	IEC/EN 60754-1
Corrosive Gases Measurement	IEC/EN 60754-2
Min. Bending Radius (Fixed)	7.5 x Cable Diameter
Flame Retardancy	IEC/EN 60332-1, IEC/EN 60332-3-24
Fire Resistance	IEC 60331-21

10.01.2026 23:17

**Legal Warning:** The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice.This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.  
If you need more information about the products in this catalog, please contact us via [info@2mkablo.com](mailto:info@2mkablo.com) or call +90 (212) 222 8250.