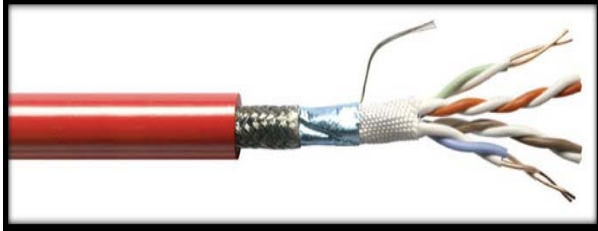


# DRAKA CABLES:

## FIRETUF DATA



Based on the design for structured wiring (found in IEC 61156 and BS EN 50288), Firetuf Data cable brings together high frequency data transmission and circuit integrity in a one pair, two pair and four pair cable that will continue to transmit data even when being directly attacked by fire.

Firetuf Data has successfully passed BS 5839: 2002 test protocols. This patented design allows the continuation of data transmission in the event of a fire.

Firetuf Data has three designs: one, two and four pair construction all using the same wire size of 0.63mm, overall screened plus a drain wire and braided.

**Physical Characteristics:**

- Min. Installation Bend Radius: 8 x Dia.
- Min. Fixed Bending Radius: 6 x Dia.
- Installation Temp. Range: 0°C to 50°C.
- Installed Operating Temp. Range: -20°C to 60°C.

**Electrical Characteristics @20°C:**

- Structural Return Loss RI: >IEC dB.
- Characteristic Impedance @10MHz: 100±5Ω.
- DC Conductor Loop Resistance: <19Ω/100m.
- Max. Resistance unbalance: ≤2%.
- Nominal Velocity of Propagation: 57%.
- Max. Capacitance unbalance: 1600 pF/km.
- Insulation Resistance (500V): ≥5000 MΩ.km.

**Standards Achieved:**

- ISO/IEC 11801:1994; EN 50173:1995; EN 50288-2-1
- Circuit Integrity:** BS 5839-1:2002 Clause 26.2e Enhanced
- BS 8434-2:2003
- BS EN 50200 >PH120
- IEC 60331-23
- BS 6387 C

- Flame propagation: UL 1581 VW1; IEC 60332.3
- Acid gas emission: IEC 60754
- Smoke emission: IEC 61034

Cable	Part No	Nominal Diameter (mm)	Approx. Weight (Kg/Km)
1 pair	910234	6.8	48
2 pair	910244	8.1	97
4 pair	910245	10.45	122