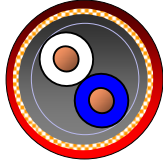




## FIRETUFdata

### 1 Pair 0.65mm (0.33mm<sup>2</sup> – 22AWG)



#### FS Cables part number 387FTD103

#### Draka Comteq part number 910234

Application		Applicable Standards	
Fire resistant low smoke halogen free data cable providing circuit integrity and high speed data transmission. Ideal for use on B.M.S., alarm and evacuation systems in public buildings and tunnels.		Generally to ISO/IEC 11801:95, EN 50173 95 and EN 50288-2-1. Suitable for standard Insulation Displacement Connector L.A.N. sockets. RS-485 10Mb/s	
Cable Construction		Physical Characteristics	
Conductor	<b>Bare Cu Wire</b>	Outside Diameter of Conductor	<b>0.65 mm</b>
Insulator Material	<b>PE/Sil Rbr</b>	Outside Diameter of Insulation	<b>1.70 mm</b>
Number of Twisted Pairs	<b>1 (one)</b>	Outside Diameter of Sheath	<b>6.80 mm</b>
Glass Tape	<b>Fibre</b>	Weight	<b>48 kg/km</b>
Screen Material	<b>Ali/Mylar</b>	Sheath Colour	<b>Red</b>
Braid	<b>TCWB</b>		
Sheath Material	<b>OHLS</b>		
Cable Properties		Electrical Characteristics @ 20°C	
Min. Installation Bend Radius	<b>6 x Dia</b>	Structural Return Loss SRI	<b>IEC dB</b>
Min. Installed Bending Radius	<b>8 x Dia</b>	Characteristic impedance @ 10MHz	<b>100±5Ω</b>
Max. Installation Tension	<b>30N</b>	DC Conductor Loop Resistance	<b>&lt;19 Ω/100m</b>
Max. Installed Tension	<b>Zero</b>	Nominal Velocity of Propagation	<b>57%</b>
Installation Temp. Range	<b>0°C to +50°C</b>	Insulation Resistance (500V)	<b>≥5000 MΩ.km</b>
Installed Operating Temp. Range	<b>-20°C to +60°C</b>	Voltage	<b>300/500V</b>
Fire Tests & Standards		London Underground Tests & Approvals	
Fire Resistant BS5839 Enhanced	<b>&gt;2hrs @ 950°C</b>	Fire Resistant BS5839-1 <small>Clause 26.2E</small>	<b>&gt;2hrs @ 950°C</b>
Fire Resistant BS6387	<b>&gt;3hrs @ 950°C</b>	Fire Resistant BS8434-2 2003	<b>PH120 120min</b>
Fire Resistant IEC60331-23	<b>&gt;3hrs @ 750°C</b>	Fire Resistant BS EN 50200 2000	<b>&gt;3hrs @ 950°C</b>
Fire Resistant BS EN 50200	<b>&gt;3hrs @ 950°C</b>	Flame Retardant	<b>BS4066 part 3</b>
Flame Retardant	<b>IEC60332-3-24</b>	Smoke Emission	<b>BS EN 20568</b>
Corrosivity : acid & halogen free	<b>IEC60754-1+2</b>	LUL - Flammability, smoke & fume	<b>2-01001-002</b>
Smoke Test: low smoke emission	<b>IEC61034-1+2</b>	DP99 Compound approval	<b>E4156 part 1</b>
		LUL standard E4156 part 1	<b>Approved</b>



SRI

Attenuation

