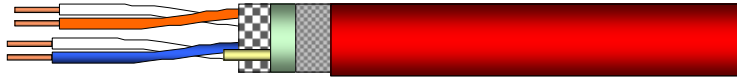




FIRETUFdata

2 Pair 0.65mm (0.33mm² – 22AWG)



FS Cables part number 387FTD203

Draka Comteq part number 910244

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	Bare Cu Wire	Outside Diameter of Conductor	0.65 mm
Insulator Material	PE/Sil Rbr	Outside Diameter of Insulation	1.70 mm
Number of Twisted Pairs	2 (two)	Outside Diameter of Sheath	8.10 mm
Glass Tape	Fibre	Weight	97 kg/km
Screen Material	Ali/Mylar	Sheath Colour	Red
Braid	TCWB		
Sheath Material	OHLS		
Cable Properties		Electrical Characteristics @ 20°C	
Min. Installation Bend Radius	6 x Dia	Structural Return Loss SRI	IEC dB
Min. Installed Bending Radius	8 x Dia	Characteristic impedance @ 10MHz	100±5Ω
Max. Installation Tension	30N	DC Conductor Loop Resistance	<19 Ω/100m
Max. Installed Tension	Zero	Nominal Velocity of Propagation	57%
Installation Temp. Range	0°C to +50°C	Insulation Resistance (500V)	≥5000 MΩ.km
Installed Operating Temp. Range	-20°C to +60°C	Voltage	300/500V
Fire Tests & Standards		London Underground Tests & Approvals	
Fire Resistant BS5839 Enhanced	>2hrs @ 950°C	Fire Resistant BS5839-1 <small>Clause 26.2E</small>	>2hrs @ 950°C
Fire Resistant BS6387	>3hrs @ 950°C	Fire Resistant BS8434-2 2003	PH120 120min
Fire Resistant IEC60331-23	>3hrs @ 750°C	Fire Resistant BS EN 50200 2000	>3hrs @ 950°C
Fire Resistant BS EN 50200	>3hrs @ 950°C	Flame Retardant	BS4066 part 3
Flame Retardant	IEC60332-3-24	Smoke Emission	BS EN 20568
Corrosivity : acid & halogen free	IEC60754-1+2	LUL - Flammability, smoke & fume	2-01001-002
Smoke Test: low smoke emission	IEC61034-1+2	DP99 Compound approval	E4156 part 1
		LUL standard E4156 part 1	Approved



SRI

Attenuation

