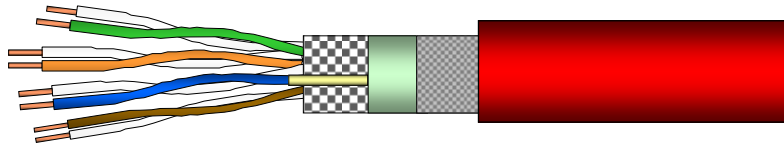




**4 Pair 0.65mm (0.33mm<sup>2</sup> – 22AWG) L.A.N Data Cable  
 Fire Resistant BS5839-1, BS6387 CWZ, BS EN50200**



**FSC Global Product code 387FTD403**

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/IEC11801:95, EN50173 95 and EN50288-2-1. Suitable for standard Insulation Displacement Connector L.A.N. sockets. RS-485 10Mb/s, 10Base-T, 100Base-T, IEEE 802.5 16MB

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: 4 (four)	Outside Diameter of Sheath: 10.45 mm
Glass Tape: Fibre	Weight: 122 kg/km
Screen Material: Ali/Mylar	Sheath Colour: Red
Braid: TCWB	
Sheath Material (EN50290-2-27): OHLS	

Cable Properties	Electrical Characteristics @ 20°C
Min. Installation Bend Radius: ≥42mm	Structural Return Loss SRI: IEC dB
Min. Installed Bending Radius: ≥84mm	Characteristic Impedance @ 10MHz: 100±15Ω
Max. Installation Tension: 100N	Transfer Impedance @ 10MHz: 5mΩ/m
Max. Installed Tension: Zero	DC Conductor Loop Resistance: ≤110Ω/km
Installation Temp. Range: 0°C to +50°C	Resistance Unbalanced: ≤2%
Installed Operating Temp. Range: -20°C to +60°C	Nominal Velocity of Propagation: 57%
	Insulation Resistance (500V): ≥2000 MΩ.km
	Voltage Rating (Test @ 1000V): 300/500V
	Mutual Capacitance (Nominal): 60nF/km

Fire Tests & Standards	London Underground Tests & Approvals
Fire Resistant BS5839 Enhanced: >2hrs @ 950°C	Fire Resistant BS5839-1 Clause 26.2E: >2hrs @ 950°C
Fire Resistant IEC60331-23: >3hrs @ 750°C	Fire Resistant BS8434-2 2003: >3hrs @ 950°C
Fire Resistant BS EN50200: >2hrs @ 950°C	Fire Resistant BS EN50200 2000: PH120 120min
Fire Resistant BS6387 CWZ: >3hrs @ 950°C	Flame Retardant: BS4066 part 3
Flame Retardant: IEC60332-3-24	Smoke Emission: BS EN20568
Flame Retardant: UL1581 VW1	LU - Flammability, smoke & fume: 2-01001-002
Corrosivity : acid & halogen free: IEC60754-1+2	DP99 Compound approval: E4156 part 1
Smoke Test: low smoke emission: IEC61034-1+2	LU standard E4156 part 1: Approved

Draka Product Code: 910245  
 Prysmian Product Code: 1010853



**SRI Attenuation**

