	Detailed	d Specificat	ions	
	Ventcroft:	•		n
General Type				Fire Resistant Cable
Standards	Fire Resistance Fire Performance Fire Resistance Category Halogen Free Low Smoke Emissions Designed For Installation	Fire Alarm Emergency Lighting	ļ	Designed to Comply with BS7629 BS4066-1, BS4066-3 BS6387 Cat. CWZ BS6425-1 BS7622 BS5839
Materials	Outer Sheathing Core Insulation Conductors CPC (Earth) Screening Chalk	Emergency Lighting	Fire R	esident Low Smoke and Fume PVC Low Halogens Silicone Based Plain Annealed Copper Tinned Annealed Copper Polyester backed Prevents Cores Melting Together
Working Voltage	Core to Core Core to CPC			500V 300V
Types	Outer Sheath Colours Inner Cores CSA			Red or White 1.0, 1.5, 2.5 mm CSA
Weights	1.0mm 2 core and CPC 100M 1.5mm 2 core and CPC 100M 2.5 mm 2 core and CPC 100M			7.8 Kg / 100 m 9.4 Kg / 100 m 13.9 Kg / 100 m
Dimensions	Mean Overall Diameter		1.0 mm 1.5mm 2.5 mm	7.2mm 8.1mm 9.9mm
Resistance (R) Ohms	1.0mm CSA 1.5mm CSA 2.5 mm CSA			1.81 Ohms / 100 m 1.21 Ohms / 100 m 0.74 Ohms / 100 m
Inductance (L) Henrys	1.0mm CSA	2 Core	Core - Core - CPC Screen -	mH / 100 m (Nominal)  mH / 100 m (Nominal)  mH / 100 m (Nominal)
- Measured Wound on 100m Real		4 Core	CPC Core - Core Core - CPC Screen - CPG.	mH / 100 m (Nominal) mH / 100 m (Nominal) mH / 100 m (Nominal)
	1.5mm CSA	2 Core	Core CPC Screen - CPC	3.2 mH / 100 m (Nominal) 2.9 mH / 100 m (Nominal) 2.9 mH / 100 m (Nominal)
		4 Core	Core - Core Core -	mH / 100 m (Nominal) mH / 100 m (Nominal)
			CPC Screen - CPC.	mH / 100 m (Nominal)
	2.5 mm CSA	2 Core	Core - Core - CPC Screen -	mH / 100 m mH / 100 m mH / 100 m
		4 Core	CPC Core - Core - Core - CPC Screen -	mH / 100 m mH / 100 m mH / 100 m
Capacitance (C) Farads	1.0mm CSA	2 Core	CPC. Core - Core - CPC Screen -	/ 100 m (Nominal) / 100 m (Nominal) / 100 m (Nominal)
- Measured Wound on 100m Real		4 Core	CPC Core - Core Core - CPC Screen -	/ 100 m (Nominal) 18 nF / 100 m 0.2 nF / 100 m
	1.5mm CSA	2 Core	CPC. Core -	10nF / 100 m (Nominal)

į			Core Core - CPC	18nF / 100 m (Nominal)	
			Screen - CPC	0.02nF / 100 m (Nominal)	
		4 Core	Core - Core	nF / 100 m	
			Core - CPC	nF / 100 m	
	2.5 mm CSA		Screen - CPC.	nF / 100 m	
		2 Core	Core - Core	nF / 100 m	
			Core - CPC	nF / 100 m	
			Screen - CPC	nF / 100 m	
		4 Core	Core - Core	nF / 100 m	
			Core ~ CPC	nF / 100 m	
			Screen - CPC.	nF / 100 m	
Bending	Radius		r = 6 x D (r = radius, ( D = Diameter)		
Temperature	Operating		-20 to + 70 Deg. C.		
Voltage Drop	1.0mm CSA (DC or Single Phase A 1.5mm CSA (DC or Single Phase A 2.5 mm CSA (DC or Single Phase	AC)		44 mV/A/ m 29 mV/A/ m 18 mV/A/ m	
Current Rating	Cable Clipped (DC or Single Phase A	C)	1.0mm	15 A	
			1.5 mm	19.5 A	
	Enclosed (DC or Single Phase AC)		2.5mm	27 A	
	Eliciosed (DC of Single Phase AC)		1.0mm 1.5 mm	13A 16.5 A	
			2.5mm	23 A	
Warranty	Period Identification		20 Years from Date of Manufacture Date of Manufacture Marked On Cable		

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