Standard Fire Alarm Cable

Application

Standard Fire cable is suitable for fire alarm systems, emergency lighting circuits and BS5839-8 voice alarm systems. Standard cable is also approved to the requirements of LU1-085.

Description

Standard Fire Cable consists of Plain Copper Wire conductors, LSZH Insulation, Aluminium Tape in contact with a Tinned copper Wire CPC and sheathed overall in LSZH

Example Part Numbers

62-F215U-WHITE-500
Webro Part Number-Colour-Length

Mechanical & Electrical Characteristics

Construction:

Inner Conductor:	1.5mm to 4mm² Plain Copper Wire
Insulation:	LSZH
Cores:	2 – 4 Core
Colour:	2 Core Brown & Blue
	3 Core Brown, Black & Grey
	4 Core Brown, Black, Grey & Blue
Screen:	Aluminium Foil +Tinned Copper CPC
CPC Size:	1.5mm² Core – 1.5mm² CPC
	2.5mm² Core – 2.5mm² CPC
	4.0mm² Core – 4.0mm² CPC
Sheath:	LSZH
Diameter:	2 Core 1.5mm² 7.70mm Nominal
	2 Core 2.5mm² 9.10mm Nominal
	2 Core 4.0mm² 10.80mm Nominal
	3 Core 1.5mm² 8.20mm Nominal
	3 Core 2.5mm² 9.70mm Nominal
	3 Core 4.0mm² 11.50mm Nominal
	4 Core 1.5mm² 9.20mm Nominal
	4 Core 2.5mm² 10.90mm Nominal
	4 Core 4.0mm² 12.70mm Nominal

Storage/Operating Temperature:	-10°C to +90°C
DC Resistance Conductor:	1.5mm² ≤12.10Ω/km
	2.5mm² ≤7.41Ω/km
	4.0mm² ≤4.61Ω/km
Operating Voltage	300/500V
Specifications	LU 1-085, BS7629-1,
	BS6387 CWZ, BS EN 50200 PH 30
	BS EN 50265, 50266, 50267 & 50268
	BS5839-1 Clause 26, BS5839-8
	BS5266, BS 8519 Category1 Control

*Cable image and colours are for illustration purposes only and may vary.