



## Firetuf FT30 Saffire - Standard Fire Resistant Cable

FT30 Saffire is a Halogen Free, Low Smoke (OHLS®) Flame Retardant cable that provides superior fire resistance and circuit integrity. Designed and manufactured to BS7629-1, FT30 Saffire is made in the UK with optimised ease of installation characteristics and it meets the standard category of BS5839-1 and BS5266-1.



## Construction

Manufacturing standard: BS7629-1

**Conductors:** Solid (Class 1) or stranded (Class 2) plain annealed copper.

**Insulation:** Tough Durolate insulation

**Electrostatic screen:** Aluminium/polyester laminated tape.

CPC: Solid (Class1) or stranded (class 2) tinned annealed copper.

Sheath: High performance, Thermoplastic Zero Halogen, low Smoke (OHLS®)

compound.

Core colours: Two core: Brown and Blue

Three core: Brown, Black and Grey Four core: Brown, Black, Grey and Blue

Sheath colour: Red or White

## **Physical Characteristics**

Voltage rating (Uo/U): 300/500V.

Operating temp: -20°C to 70°C

(The cable should not be flexed when either the ambient or cable

temperature is below 0°C).

Min, bending radius: 6 x overall diameter of cable.

Current rating: Refer to tables 4D2A & 4D2B in BS7671

## **Performance characteristics**

**Circuit integrity:** BS 5839-1:2013 Standard.

BS EN 50200 PH30, PH60, PH120 and Annexe E.

BS 6387 C, W and Z.

Flame Propagation: BS EN 60332-1-2

BS EN 60332-3-24

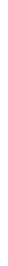
Acid gas emission: BS EN 50267-2-1

Smoke emission: BS EN 61034-2





Other colours are available on request







Nominal area of conductor	Conductor class	Nominal area of CPC	Maximum conductor resistance at 20°C	Approx. overall diameter	Approx. cable weight	Approx. capacitance values*	
mm²		mm²	Ω/km	mm	kg/km	Core-core nF/km	Core-screen nF/km
Two core F	TSF2EH						
1.5	1	1.5	12.1	8.1	95	95	150
2.5	1	2.5	7.4	9.5	140	100	165
4	2	4	4.6	11.6	195	125	205
Three core	FTSF3EH						
1.5	1	1.5	12.1	8.4	120	95	150
2.5	1	2.5	7.4	10.4	180	100	165
4	2	4	4.6	12.3	250	125	205
Four core F	TSF4EH						
1.5	1	1.5	12.1	10.0	145	95	150
2.5	1	2.5	7.4	11.9	225	100	165
4	7	Δ	4.6	13 5	310	125	205



