



# Draka

## FT30 SAFFIRE®

### 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

<b>Manufacturing standard:</b>	BS7629-1
<b>Conductors:</b>	Solid (Class 1) or stranded (Class 2) plain annealed copper.
<b>Insulation:</b>	Tough Durolate insulation
<b>Electrostatic screen:</b>	Aluminium/polyester laminated tape.
<b>CPC:</b>	Solid (Class1) or stranded (class 2) tinned annealed copper.
<b>Sheath:</b>	High performance, Thermoplastic Zero Halogen, low Smoke (OHLS®) compound.
<b>Core colours:</b>	Two core: Brown and Blue Three core: Brown, Black and Grey Four core: Brown, Black, Grey and Blue
<b>Sheath colour:</b>	Red or White

#### Physical Characteristics

<b>Voltage rating (Uo/U):</b>	300/500V.
<b>Operating temp:</b>	-20°C to 70°C (The cable should not be flexed when either the ambient or cable temperature is below 0°C).
<b>Min, bending radius:</b>	6 x overall diameter of cable.

#### Performance characteristics

<b>Circuit integrity:</b>	BS 5839-1:2013 Standard. BS EN 50200 PH30, PH60, PH120 and Annexe E. BS 6387 C, W and Z.
<b>Flame Propagation:</b>	BS EN 60332-1-2 BS EN 60332-3-24
<b>Acid gas emission:</b>	BS EN 50267-2-1
<b>Smoke emission:</b>	BS EN 61034-2

Other colours are available on request



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Nominal area of conductor mm <sup>2</sup>	Conductor class	Nominal area of CPC mm <sup>2</sup>	Maximum conductor resistance at 20°C Ω/km	Approx. overall diameter mm	Approx. cable weight kg/km	Approx. capacitance values*	
						Core-core nF/km	Core-screen nF/km

### Two core FTSF2EH

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 FTSF4EH

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	2	4	4.6	13.5	310	125	205



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