



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

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.

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



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Nominal area of conductor mm ²	Conductor class	Nominal area of CPC mm ²	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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