



Draka

FT30

FIRETUF®

Firetuf FT30 - Standard Fire Resistant Cable

Draka Firetuf FT30 is a pliable 'standard' fire resisting cable that retains circuit integrity during a fire.

Designed and manufactured in the UK to BS7629-1, FT30 has zero halogen, low smoke and flame retardant properties and meets the requirements for 'standard' fire resisting cables as described in fire alarm and emergency lighting applications BS5839-1 and BS5266-1. LU approved cable (LU Approval ref 421).



Construction

Manufacturing Standard:	BS 7629-1
Conductors:	Solid or stranded plain annealed copper wire (class 1 or class 2) to BS EN 60228
Conductor (earth):	Solid or stranded tinned annealed copper wire (class 1 or class 2) to BS EN 60228
Insulation:	Silicone rubber
Electrostatic screen:	Aluminium/polyester laminated tape
Sheath:	Thermoplastic Zero Halogen, Low Smoke (OHLS®)
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 installed when either the ambient or cable temperature is below 0°C)
Min, bending radius:	6 x overall diameter of cables
Current rating:	Refer to tables 4D2A & 4D2B in BS7671

Performance characteristics

Circuit integrity:	BS 5266-1:2011 Clause 8.2.2(a) Standard BS 5839-1:2013 Clause 26.2(d) Standard BS 6387 C, W & Z BS EN 50200 PH30, PH60, PH120 and Annex E
Flame propagation:	BS EN 60332-1-2 BS EN 60332-3-24 BS EN 60332-3-25
Smoke emission:	BS EN 61034-2.
Acid gas emission:	BS EN 50267-2-1



Other core and sheath colours 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 FTES2EH

1.5	1	1.5	12.1	7.7	110	95	150
2.5	1	2.5	7.4	8.9	155	100	165
4	2	4	4.6	10.7	220	125	205

Three core FTES3EH

1.5	1	1.5	12.1	8.1	130	95	150
2.5	1	2.5	7.4	9.7	190	100	165
4	2	4	4.6	11.6	270	125	205

Four core FTES4EH

1.5	1	1.5	12.1	9.1	155	95	150
2.5	1	2.5	7.4	10.9	230	100	165
4	2	4	4.6	13.0	330	125	205



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*These values are approximate as they are not required by the manufacturing standard and should be verified by measurement

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