



Draka

FT SIFER FIRETUF® 950s

Firetuf FT SIFER 950s - Fire Resistant Sheathed Single Core Cable

Zero Halogen, Low Smoke (OHLS®) single core cable maintaining circuit integrity when exposed to fire. These cables are suitable for surface mounting where there is little risk of mechanical damage, in installations where circuit integrity is a requirement where there is risk of fire.



Construction

Conductors:	Stranded plain annealed copper wire (class 2) to BS EN 60228
Insulation:	Comprises mica-glass fire resistant tape covered by an extruded layer of cross-linked Zero Halogen, Low Smoke (OHLS®) compound
Sheath:	Zero Halogen, Low Smoke (OHLS®)

Physical Characteristics

Voltage rating (U₀/U):	600/1000V
Operating temp:	-25°C to +90°C (the cable should not be installed when either the ambient or cable temperature is below 0°C)
Min, bending radius:	8 x overall diameter of cable
Current rating:	Refer to tables 4E1A & 4E1B in BS7671

Performance characteristics

Circuit integrity:	BS 6387 categories C, W and Z (when tested in steel conduit). IEC 60331-21 (test temperature is increased to 950°C)
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



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www.powerandcables.com

Various colours are available on request



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Single core SIFERS

Nominal area of conductor	Insulation thickness	Outer sheath thickness	Approx. overall diameter	Approx. weight of cable	Maximum conductor resistance @ 20°C
mm ²	mm	mm	mm	kg/km	Ω/km
1.5	0.7	1.4	6.8	55	12.10
2.5	0.7	1.4	7.3	70	7.41
4	0.7	1.4	7.7	90	4.61
6	0.7	1.4	8.4	115	3.08
10	0.7	1.4	9.2	170	1.83
16	0.7	1.4	10.2	225	1.15
25	0.9	1.4	11.9	335	0.727
35	0.9	1.4	13.1	430	0.524
50	1.0	1.4	14.3	555	0.387
70	1.1	1.5	16.7	790	0.268
95	1.1	1.5	18.3	1045	0.193
120	1.2	1.5	19.9	1285	0.153
150	1.4	1.6	22	1580	0.124
185	1.6	1.6	24.2	1960	0.0991
240	1.7	1.7	27	2535	0.0754
300	1.8	1.8	30	3175	0.0601
400	2.0	1.9	33.8	4205	0.0470
500	2.2	2.0	37.8	5115	0.0366
630	2.4	2.2	42.1	6575	0.0283
800	2.6	2.3	47.2	8485	0.0221
1000	2.8	2.4	52.2	10600	0.0176



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