



Draka

FT SIFER FIRETUF® 950i

Firetuf FT SIFER 950i - Fire Resistant Single Core Cable

Zero Halogen, Low Smoke (OHLS®) single core cable maintaining circuit integrity when exposed to fire. These cables are designed for drawing into conduit and trunking where a fire situation may pose a major hazard and the maintenance of circuit integrity is a requirement. To achieve optimum performance they should be installed in metal conduit.



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

Physical Characteristics

Voltage rating (Uo/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
Acid gas emission:	BS EN 50267-2-1
Smoke emission:	BS EN 61034-2



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A range of insulation colours are available including green/yellow



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Group**



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Ft **SIFER** **FIRETUF® 950i**

Single core SIFERi

Nominal area of conductor	Insulation thickness	Approx. overall diameter	Approx. weight of cable	Maximum conductor resistance @ 20°C
mm ²	mm	mm	kg/km	Ω/km
1.5	0.7	3.9	25	12.10
2.5	0.8	4.6	40	7.41
4	0.8	5.1	55	4.61
6	0.8	5.6	75	3.08
10	1.0	7.1	125	1.83
16	1.0	8.1	180	1.15
25	1.2	9.8	280	0.727
35	1.2	10.9	370	0.524
50	1.4	13.4	495	0.387
70	1.4	15.2	700	0.268
95	1.6	17.6	960	0.193
120	1.6	19.3	1190	0.153
150	1.8	21.3	1465	0.124
185	2.0	23.7	1830	0.0991
240	2.2	26.8	2390	0.0754
300	2.4	29.7	3015	0.0601
400	2.6	33.3	3995	0.0470
500	2.8	37.2	5100	0.0366
630	2.8	41.3	6435	0.0283



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