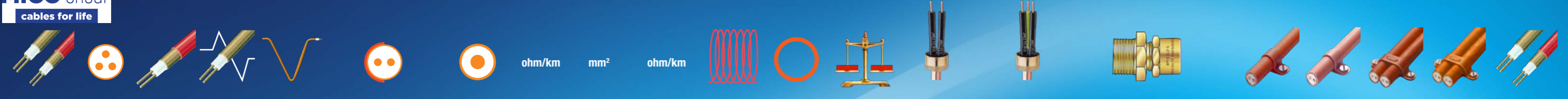


FIRE SURVIVAL CABLE DATA



CABLE SIZE REFERENCE BARE CABLE CC LSF COVERED CCM	NUMBER & CROSS SECTIONAL AREA OF CONDUCTORS	CURRENT RATINGS		VOLT DROP PER AMP PER METRE	CABLE DIAMETER		APPROXIMATE NOMINAL CONDUCTOR DIAMETER	CORE RESISTANCE @20°C	COPPER SHEATH SECTION	COPPER SHEATH RESISTANCE	APPROXIMATE LENGTH COIL LENGTHS FOR ESTIMATING PURPOSES	APPROX WEIGHT PER 1000M		SCREW ON SEAL 105°C		MICC SEAL AND GLAND (RGM) SIZE		MICC LSF COVERED CLIPS AND SADDLES				CABLE SIZE REFERENCE BARE CABLE CC LSF COVERED CCM			
		LSF	BARE		LSF	BARE						LSF	BARE	PLAIN SEAL	EARTH TAIL SEAL	FOR PLAIN SEAL	FOR EARTH TAIL SEAL	MICC CLIP		MICC SADDLE					
				BARE COPPER FOR BARE CABLES			LSF COATED FOR COVERED CABLES	BARE COPPER FOR BARE CABLES	LSF COATED FOR COVERED CABLES																
LIGHT DUTY 500V GRADE																						LIGHT DUTY 500V GRADE			
2 L 1	2x1.0	19.5	17.5	42	6.4	5.1	1.13	18.1	5.4	3.72	1100	125	104	20	20	20	20	20	26	202	272	2 L 1			
2 L 1.5	2x1.5	25	22.5	28	7	5.7	1.39	12.1	6.3	3.19	800	153	130	20	20	20	20	22	28	222	302	2 L 1.5			
2 L 2.5	2x2.5	33	30	17	7.9	6.6	1.77	7.4	8.2	2.45	580	205	179	20	20	20	20	26	32	272	342	2 L 2.5			
2 L 4	2x4.0	44	40	10	9.2	7.7	2.25	4.6	10.7	1.88	450	287	248	20	20	20	20	30	37	302	382	2 L 4			
3 L 1	3x1.0	16.5	15	36	7.1	5.8	1.13	18.1	6.7	3.00	800	159	135	20	20	20	20	22	28	242	302	3 L 1			
3 L 1.5	3x1.5	21	19	24	7.7	6.4	1.39	12.1	7.8	2.57	650	193	168	20	20	20	20	24	30	272	342	3 L 1.5			
3 L 2.5	3x2.5	28	25	14	8.8	7.3	1.77	7.4	9.5	2.11	500	261	224	20	20	20	20	28	34	302	342	3 L 2.5			
4 L 1	4x1.0	16	14.5	36	7.6	6.3	1.13	18.1	7.7	2.61	700	187	161	20	20	20	20	24	30	272	342	4 L 1			
4 L 1.5	4x1.5	21	19	24	8.3	7	1.39	12.1	9.1	2.21	550	230	202	20	20	20	20	28	34	302	342	4 L 1.5			
4 L 2.5	4x2.5	28	25	14	9.6	8.1	1.77	7.4	11.3	1.78	400	319	278	20	20	20	20	32	37	342	422	4 L 2.5			
7 L 1	7x1.0	11	10	42	9.1	7.6	1.13	18.1	10.2	1.97	600	271	233	25	25	25	25	30	37	302	382	7 L 1			
7 L 1.5	7x1.5	14	12.5	28	9.9	8.4	1.39	12.1	11.8	1.70	480	333	291	25	25	25	25	32	40	342	422	7 L 1.5			
7 L 2.5	7x2.5	19	17	17	11.2	9.7	1.77	7.4	15.4	1.30	350	455	407	25	25	25	25	37	43	382	462	7 L 2.5			
HEAVY DUTY 750V GRADE																						HEAVY DUTY 750V GRADE			
1 H 1.5	1x1.5	33	30	22	6.2	4.9	1.39	12.1	5	4.01	1000	117	97	20	20	20	20	18	24	202	242	1 H 1.5			
1 H 2.5	1x2.5	43	39	14	6.6	5.3	1.77	7.4	6	3.35	1000	137	116	20	20	20	20	20	26	222	272	1 H 2.5			
1 H 4	1x4.0	56	51	8	7.2	5.9	2.25	4.6	7	2.87	830	170	146	20	25	20	25	22	28	242	302	1 H 4			
1 H 6	1x6.0	69	63	5.6	7.7	6.4	2.75	3.08	7.5	2.68	700	206	180	20	25	20	25	24	30	272	302	1 H 6			
1 H 10	1x10	90	81	3.6	8.8	7.3	3.57	1.83	9	2.23	600	278	241	20	25	20	25	28	34	302	342	1 H 10			
1 H 16	1x16	119	107	2.3	9.8	8.3	4.50	1.15	12	1.81	500	371	329	20	25	20	25	32	37	342	422	1 H 16			
1 H 25	1x25	154	139	1.5	11.1	9.6	5.66	0.727	15	1.4	380	502	455	20	32	20	32	37	43	382	462	1 H 25			
1 H 35	1x35	187	168	1.1	12.2	10.7	6.66	0.524	18	1.17	320	637	584	20	32	20	32	40	47	422	502	1 H 35			
1 H 50	1x50	230	207	0.87	13.6	12.1	7.75	0.387	22	0.959	250	831	773	25	Use RPS + gland earth tag	25	Use RPS + gland earth tag	47	54	502	542	1 H 50			
1 H 70	1x70	279	251	0.65	15.2	13.7	9.32	0.268	27	0.767	200	1088	1022	25	Use RPS + gland earth tag	25	Use RPS + gland earth tag	54	59	542	632	1 H 70			
1 H 95	1x95	333	300	0.53	17.4	15.4	10.98	0.193	32	0.646	160	1403	1315	25	Use RPS + gland earth tag	25	Use RPS + gland earth tag	59	67	632	702	1 H 95			
1 H 120	1x120	382	344	0.46	18.8	16.8	12.33	0.153	37	0.556	140	1701	1604	32	Use RPS + gland earth tag	32	Use RPS + gland earth tag	63	75	702	752	1 H 120			
1 H 150	1x150	431	388	0.42	20.4	18.4	13.70	0.124	44	0.479	120	2054	1950	32	Use RPS + gland earth tag	32	Use RPS + gland earth tag	71	79	752	812	1 H 150			
1 H 185	1x185	482	434	0.39	22.9	20.4	15.18	0.101	54	0.412	90	2496	2360	32	Use RPS + gland earth tag	32	Use RPS + gland earth tag	79	88	812	932	1 H 185			
1 H 240	1x240	537	483	0.36	25.8	23.3	17.33	0.0775	70	0.341	70	3147	2993	40	Use RPS + gland earth tag	40	Use RPS + gland earth tag	88	101	932	1042	1 H 240			
1 H 300	1x300	883	795	0.31	28.6	26	19.37	0.062	87	0.28	60	3852	3680	42	Use RPS + gland earth tag	42	Use RPS + gland earth tag	**	**	**	**	1 H 300			
1 H 400	1x400	1053	948	0.28	32.8	30	22.37	0.0465	117	0.223	40	5007	4805	42	Use RPS + gland earth tag	42	Use RPS + gland earth tag	**	**	**	**	1 H 400			
2 H 1.5	2x1.5	26	23.5	28	9.4	7.9	1.39	12.1	11	1.82	400	270	230	20	20	20	20	30	37	342	382	2 H 1.5			
2 H 2.5	2x2.5	36	32	17	10.2	8.7	1.77	7.4	13	1.54	380	327	284	20	20	20	20	34	40	342	422	2 H 2.5			
2 H 4	2x4.0	47	42	10	11.3	9.8	2.25	4.6	16	1.25	370	413	365	20	25	20	25	37	43	422	462	2 H 4			
2 H 6	2x6.0	60	54	7	12.4	10.9	2.75	3.08	18	1.12	280	512	459	20	25	20	25	43	47	462	502	2 H 6			
2 H 10	2x10	82	74	4.2	14.2	12.7	3.57	1.83	24	0.84	200	695	634	25	32	25	32	47	54	502	592	2 H 10			
2 H 16	2x16	109	98	2.6	16.2	14.7	4.50	1.15	30	0.67	150	941	871	25	40	25	40	54	63	592	702	2 H 16			
2 H 25	2x25	142	128	1.7	19.1	17.1	5.66	0.727	38	0.53	120	1299	1201	32	40	32	40	67	75	702	752	2 H 25			
3 H 1.5	3x1.5	22	20	24	9.8	8.3	1.39	12.1	12	1.67	350	302	260	20	20	20	20	32	37	342	422	3 H 1.5			
3 H 2.5	3x2.5	30	27	14	10.8	9.3	1.77	7.4	14	1.43	340	378	332	20	25	20	25	37	43	382	462	3 H 2.5			
3 H 4	3x4.0	40	36	9.1	11.9	10.4	2.25	4.6	17	1.18	240	477	426	20	25	20	25	40	47	422	502	3 H 4			
3 H 6	3x6.0	51	46	6	13	11.5	2.75	3.08	20	1.00	270	593	537	25	25	25	25	43	51	462	542	3 H 6			
3 H 10	3x10	69	62	3.6	15.1	13.6	3.57	1.83	27	0.74	200	833	768	25	32	25	32	54	59	542	632	3 H 10			
3 H 16	3x16	92	83	2.3	17.6	15.6	4.50	1.15	34	0.59	140	1140	1050	25	40	25	40	59	71	632	752	3 H 16			
3 H 25	3x25	120	108	1.45	20.2	18.2	5.66	0.727	42	0.48	110	1564	1460	40	40	40	40	71	79	752	812	3 H 25			
4 H 1.5	4x1.5	23	20.5	24	10.6	9.1	1.39	12.1	14	1.43	350	358	312	20	20	20	20	37	43	382	462	4 H 1.5			
4 H 2.5	4x2.5	30	27	14	11.6	10.1	1.77	7.4	16	1.25	350	444	395	20	25	20	25	40	47	422	462	4 H 2.5			
4 H 4	4x4.0	40	36	9.1	12.9	11.4	2.25	4.6	20	1.00	280	574	519	25	25	25	25	43	51	462	542	4 H 4			
4 H 6	4x6.0	51	46	6	14.2	12.7	2.75	3.08	24	0.84	230	719	658	25	32	25	32	47	54	502	592	4 H 6			
4 H 10	4x10	68	61	3.6	16.3	14.8	3.57	1.83	30	0.67	160	997	927	25	32	25	32	54	63	592	702	4 H 10			
4 H 16	4x16	89	80	2.3	19.3	17.3	4.50	1.15	39	0.51	110	1455	1353	32	40	32	40	67	75	702	752	4 H 16			
4 H 25	4x25	116	104	1.45	22.6	20.1	5.66	0.727	49	0.41	90	1956	1822	40	40	40	40	79	88	812	932	4 H 25			
7 H 1.5	7x1.5	15.5	14	28	12.3	10.8	1.39	12.1	18	1.12	300	496	444	25	25	25	25	43	47	462	502	7 H 1.5			
7 H 2.5	7x2.5	21	19	17	13.6	12.1	1.77	7.4	22	0.91	210	620	562	25	25	25	25	47	54	502	542	7 H 2.5			
12H1.5	12x1.5	13	11.5	28	15.6	14.1	1.39	12.1	28	0.72	165	774	706	32	Use RPS + gland earth tag	32	Use RPS + gland earth tag	54	59	592	632	12H1.5			
12H2.5	12x2.5	17	15.5	17	17.6	15.6	1.77	7.4	34	0.59	140	997	907	32	Use RPS + gland earth tag	32	Use RPS + gland earth tag	59	71	632	752	12H2.5			
19H1.5	19x1.5	11	10	28	18.6	16.6	1.39	12.1	37	0.54	120	1077	982	40	Use RPS + gland earth tag	40	Use RPS + gland earth tag	63	71	702	752	19H1.5			

* Longer lengths are possible using our patented fire rated joint - consult us for details ** Accessories are available for these size cables to order - contact us for details *** Current ratings and volt drop values are based upon tables 4J1A & 4J1B of the 16th edition of the IEE Wiring Regulations method 11 (cable on a perforated cable tray)