

## MINERAL INSULATED COPPER CABLE - HEAVY DUTY

### MICC Fire Survival Cable (Heavy Duty 750v)

Cable Size Reference	Conductors		Cables Exposed to Touch (ratings)		AMP/m mV	Sheath Cross Section Area (mm²)	Earth Fault Loop Impedance @70°C (R1+R2) Ohms / Km	Maximum Conductor Resistance 0.02/Km @20°C	Cable Dia (mm)		Approx Weight per 1km (kg)		Gland Size		One Hole Clips		Two-Way Saddles	
	no.	mm²	Bare	Covered					Bare	LSZH Covered	Bare	LSZH Covered	Plain Seal (mm)	Earth Tail (mm)	Bare Copper	LSZH Covered	Bare Copper	LSZH Covered
1H2.5	1	2.5	39	43	13.5	6.44	3.71	7.41	5.3	6.6	111	128	20	20	20	26	202	272
1H4	1	4	51	56	8.3	7.7	3.09	4.61	5.9	7.2	143	166	20	20	22	28	222	272
1H6	1	6	47	52	6	8	5.318	3.08	6.4	7.7	173	213	20	20	24	30	272	342
1H10	1	10	63	70	3.6	9	3.545	1.83	7.3	9.0	241	274	20	25	28	34	302	342
1H16	1	16	83	92	2.3	12	2.471	1.15	8.3	10.0	327	364	20	25	32	37	342	422
1H25	1	25	108	120	1.45	15	1.715	0.727	9.6	11.3	458	500	20	32	37	43	382	462
1H35	1	35	132	147	1.05	18	1.329	0.524	10.7	12.4	600	650	20	32	40	47	422	502
1H50	1	50	163	181	0.79	22	1.040	0.387	12.1	13.8	760	812	25	40	47	54	502	542
1H70	1	70	199	221	0.55	27	0.781	0.268	13.7	15.4	1019	1080	25	-	54	59	542	632
1H95	1	95	237.5	265	0.41	32	0.819	0.193	15.4	17.7	1326	1416	25	-	59	67	632	702
1H120	1	120	272.5	303	0.33	37	0.516	0.153	16.8	19.1	1615	1713	32	-	63	75	702	752
1H150	1	150	311	346	0.29	44	0.435	0.124	18.4	20.7	1952	2059	32	-	71	79	752	812
1H185	1	185	353	392	0.25	54	0.368	0.101	20.4	23.2	2425	2570	32	-	79	88	812	932
1H240	1	240	411	457	0.21	70	0.297	0.077	23.3	26.1	3146	3312	40	-	88	101	932	1042
1H300	1	300	795	883	0.31	84.6	0.28	0.077	26	28.8	3791	3972	n/a	n/a	101			
1H400	1	400	948	1053	0.28	106	0.22	0.044	30	32.8	5004	5211	n/a	n/a	n/a			
2H1.5	2	1.5	22.5	25.0	28.0	11	16.90	12.1	7.9	9.6	247	284	20	20	30	37	342	382
2H2.5	2	2.5	31.0	34.0	17.0	13	10.90	7.41	8.7	10.4	280	335	20	20	34	40	342	422
2H4	2	4.0	40.5	45.0	10.0	16	7.185	4.61	9.8	11.5	365	415	20	25	37	43	422	462
2H6	2	6.0	51.0	57.0	7.0	18	5.073	3.08	10.9	12.6	463	510	20	25	43	47	462	502
2H10	2	10.0	69.0	77.0	4.2	24	3.272	1.83	12.7	14.4	635	725	25	32	47	54	502	592
2H16	2	16.0	92.0	102.0	2.6	30	2.220	1.15	14.7	16.4	855	918	25	40	54	63	592	702
2H25	2	25.0	120.0	135.0	1.65	38	1.531	0.727	17.1	19.4	1185	1285	32	40	67	75	702	752
3H1.5	3	1.5	19.0	21.0	24.0	12	16.72	12.1	8.3	10.0	265	310	20	20	32	37	342	422
3H2.5	3	2.5	25.0	28.0	14.0	14	10.71	7.41	9.3	11.0	345	390	20	25	37	43	382	462
3H4	3	4.0	33.0	37.0	9.1	17	7.041	4.61	10.4	12.1	452	495	20	25	40	47	422	502
3H6	3	6.0	43.0	48.0	6.0	20	4.953	3.08	11.5	13.2	562	602	25	25	43	51	462	542
3H10	3	10.0	58.5	65.0	3.6	27	3.147	1.83	13.6	15.3	758	817	25	32	54	59	542	632
3H16	3	16.0	77.0	86.0	2.3	34	2.133	1.15	15.6	17.9	1039	1130	25	40	59	71	632	752
3H25	3	25.0	101.0	112.0	1.45	42	1.476	0.727	18.2	20.5	1451	1557	40	40	71	79	752	812
4H1.5	4	1.5	19.0	21.0	24.0	14	16.43	12.1	9.1	10.8	330	370	20	20	37	43	382	462
4H2.5	4	2.5	25.0	28.0	14.0	16	10.49	7.41	10.1	11.8	412	445	20	25	40	47	422	502
4H4	4	4.0	33.0	37.0	9.1	20	6.814	4.61	11.4	13.1	530	608	25	25	43	51	462	542
4H6	4	6.0	43.0	48.0	6.0	24	4.782	3.08	12.7	14.4	740	790	25	32	47	54	502	592
4H10	4	10.0	58.5	65.0	3.6	30	3.036	1.83	14.8	16.5	916	979	25	32	54	63	592	702
4H16	4	16.0	77.0	86.0	2.3	39	2.026	1.15	17.3	19.6	1292	1393	32	40	67	75	702	752
4H25	4	25.0	101	112	1.45	49	1.384	0.727	20.1	22.9	1813	1956	40	40	79	88	812	932
7H1.5	7	1.5	13	14.0	28	18	16.00	12.1	13.0	14.0	435	482	25	25	43	47	472	502
7H2.5	7	2.5	17.0	19.0	17	22	10.10	7.41	17.0	19.0	563	616	25	25	47	54	502	542
12H1.5	12	1.5	14.1	15.8	28	29	15.52	12.1	14.1	15.8	710	770	32	-	54	59	592	632
12H2.5	12	2.5	15.6	17.9	17	34	9.70	7.41	15.6	17.9	910	1001	32	-	59	71	632	752
19H1.5	19	1.5	16.6	18.9	28	37	15.31	12.1	16.6	18.9	989	1086	40	-	63	71	702	752

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