

MICC GROUP cables for life	No. & Conductor Size (sqmm)	Current ratings (exposed to touch)		Volt drop	Core resistance @20 deg C	Coil length typical *	Sheath CSA	Sheath resistance	Earth fault loop impedance Ze	Earth fault loop impedance eff sheath area	Eff sheath area resistance	Earth fault loop impedance comments	Cable dia		Approx weight		MICC clip		MICC Saddle		MICC Seal and Gland (RGM) size	
		Bare	Served										Bare	Served	Bare	Served	Bare	Served	Bare	Served	Plain	Earth tail
Cable ref		A	A	mV/A/m	Ohms/km	m	sq mm	Ohms/km	Ohms/km	sq mm	Ohms/km		mm	mm	kg/km	kg/km	RC	RCHL	RS	RSFL	RPS	RPSL
2 L 1	2x1.0	17.5	19.5	42	18.1	1100	5.4	3.72	26.2	5.4	3.72	Exposed to touch 70C	5.1	6.4	104	125	20	26	202	272	20	20
2 L 1.5	2x1.5	22.5	25	28	12.1	800	6.3	3.19	18.3	6.3	3.19	Exposed to touch 70C	5.7	7	130	153	22	28	222	302	20	20
2 L 2.5	2x2.5	30	33	17	7.4	580	8.2	2.45	11.8	8.2	2.45	Exposed to touch 70C	6.6	7.9	179	205	26	32	272	342	20	20
2 L 4	2x4.0	40	44	10	4.6	450	10.7	1.88	7.8	10.7	1.88	Exposed to touch 70C	7.7	9.2	248	287	30	37	302	382	20	20
3 L 1	3x1.0	15	16.5	36	18.1	800	6.7	3.00	25.3	6.7	3.00	Exposed to touch 70C	5.8	7.1	135	159	22	28	242	302	20	20
3 L 1.5	3x1.5	19	21	24	12.1	650	7.8	2.57	17.6	7.8	2.57	Exposed to touch 70C	6.4	7.7	168	193	24	30	272	342	20	20
3 L 2.5	3x2.5	25	28	14	7.4	500	9.5	2.11	11.4	9.5	2.11	Exposed to touch 70C	7.3	8.8	224	261	28	34	302	342	20	20
4 L 1	4x1.0	14.5	16	36	18.1	700	7.7	2.61	24.8	7.7	2.61	Exposed to touch 70C	6.3	7.6	161	187	24	30	272	342	20	20
4 L 1.5	4x1.5	19	21	24	12.1	550	9.1	2.21	17.2	9.1	2.21	Exposed to touch 70C	7	8.3	202	230	28	34	302	342	20	20
4 L 2.5	4x2.5	25	28	14	7.4	400	11.3	1.78	11.0	11.3	1.78	Exposed to touch 70C	8.1	9.6	278	319	32	37	342	422	20	20
7 L 1	7x1.0	10	11	42	18.1	600	10.2	1.97	24.1	10.2	1.97	Exposed to touch 70C	7.6	9.1	233	271	30	37	302	382	25	25
7 L 1.5	7x1.5	12.5	14	28	12.1	480	11.8	1.70	16.6	11.8	1.70	Exposed to touch 70C	8.4	9.9	291	333	32	40	342	422	25	25
7 L 2.5	7x2.5	17	19	17	7.4	350	15.4	1.30	10.4	15.4	1.30	Exposed to touch 70C	9.7	11.2	407	455	37	43	382	462	25	25
1 H 1.5	1x1.5	30	33	22	12.1	1000	5	4.01	15.7	20	1.00	4 x 1 core 70C	4.9	6.2	97	117	18	24	202	242	20	20
1 H 2.5	1x2.5	39	43	14	7.4	1000	6	3.35	9.9	24	0.84	4 x 1 core 70C	5.3	6.6	116	137	20	26	222	272	20	20
1 H 4	1x4.0	51	56	8	4.6	830	7	2.87	6.4	28	0.72	4 x 1 core 70C	5.9	7.2	146	170	22	28	242	302	20	25
1 H 6	1x6.0	63	69	5.6	3.08	700	7.5	2.68	4.5	30	0.67	4 x 1 core 70C	6.4	7.7	180	206	24	30	272	302	20	25
1 H 10	1x10	81	90	3.6	1.83	600	9	2.23	2.8	38	0.53	4 x 1 core 70C	7.3	8.8	241	278	28	34	302	342	20	25
1 H 16	1x16	107	119	2.3	1.15	500	12	1.81	1.9	46	0.47	4 x 1 core 70C	8.3	9.8	329	371	32	37	342	422	20	25
1 H 25	1x25	139	154	1.5	0.727	380	15	1.40	1.3	60	0.35	4 x 1 core 70C	9.6	11.1	455	502	37	43	382	462	20	32
1 H 35	1x35	168	187	1.1	0.524	320	18	1.17	1.0	71	0.30	4 x 1 core 70C	10.7	12.2	584	637	40	47	422	502	20	32
1 H 50	1x50	207	230	0.87	0.387	250	22	0.96	0.8	88	0.24	4 x 1 core 70C	12.1	13.6	773	831	47	54	502	542	25	Use RPS + gland earth tag
1 H 70	1x70	251	279	0.65	0.268	200	27	0.77	0.5	109	0.19	4 x 1 core 70C	13.7	15.2	1022	1088	54	59	542	632	25	Use RPS + gland earth tag
1 H 95	1x95	300	333	0.53	0.193	160	32	0.65	0.4	130	0.16	4 x 1 core 70C	15.4	17.4	1315	1403	59	67	632	702	25	Use RPS + gland earth tag
1 H 120	1x120	344	382	0.46	0.153	140	37	0.56	0.3	150	0.14	4 x 1 core 70C	16.8	18.8	1604	1701	63	75	702	752	32	Use RPS + gland earth tag
1 H 150	1x150	388	431	0.42	0.124	120	44	0.48	0.3	175	0.12	4 x 1 core 70C	18.4	20.4	1950	2054	71	79	752	812	32	Use RPS + gland earth tag
1 H 185	1x185	434	482	0.39	0.101	90	54	0.41	0.2	215	0.10	4 x 1 core 70C	20.4	22.9	2360	2496	79	88	812	932	32	Use RPS + gland earth tag
1 H 240	1x240	483	537	0.36	0.0775	70	70	0.34	0.2	281	0.08	4 x 1 core 70C	23.3	25.8	2993	3147	88	101	932	1042	40	Use RPS + gland earth tag
1 H 300	1x300	795	883	0.31	0.062	60	87	0.28	0.2	348	0.07	4 x 1 core 70C	26	28.6	3680	3852	**	**	**	**	42	Use RPS + gland earth tag
1 H 400	1x400	948	1053	0.28	0.0465	40	117	0.22	0.1	468	0.06	4 x 1 core 70C	30	32.8	4805	5007	**	**	**	**	42	Use RPS + gland earth tag
2 H 1.5	2x1.5	23.5	26	28	12.1	400	11	1.82	16.7	11	1.82	Exposed to touch 70C	7.9	9.4	230	270	30	37	342	382	20	20
2 H 2.5	2x2.5	32	36	17	7.4	380	13	1.54	10.7	13	1.54	Exposed to touch 70C	8.7	10.2	284	327	34	40	342	422	20	20
2 H 4	2x4.0	42	47	10	4.6	370	16	1.25	7.0	16	1.25	Exposed to touch 70C	9.8	11.3	365	413	37	43	422	462	20	25
2 H 6	2x6.0	54	60	7	3.08	280	18	1.12	5.0	18	1.12	Exposed to touch 70C	10.9	12.4	459	512	43	47	462	502	20	25
2 H 10	2x10	74	82	4.2	1.83	200	24	0.84	3.2	24	0.84	Exposed to touch 70C	12.7	14.2	634	695	47	54	502	592	25	32
2 H 16	2x16	98	109	2.6	1.15	150	30	0.67	2.2	30	0.67	Exposed to touch 70C	14.7	16.2	871	941	54	63	592	702	25	40
2 H 25	2x25	128	142	1.7	0.727	120	38	0.53	1.5	38	0.53	Exposed to touch 70C	17.1	19.1	1201	1299	67	75	702	752	32	40
3 H 1.5	3x1.5	20	22	24	12.1	350	12	1.67	16.5	12	1.67	Exposed to touch 70C	8.3	9.8	260	302	32	37	342	422	20	20
3 H 2.5	3x2.5	27	30	14	7.4	340	14	1.43	10.6	14	1.43	Exposed to touch 70C	9.3	10.8	332	378	37	43	382	462	20	25
3 H 4	3x4.0	36	40	9.1	4.6	240	17	1.18	6.9	17	1.18	Exposed to touch 70C	10.4	11.9	426	477	40	47	422	502	20	25
3 H 6	3x6.0	46	51	6	3.08	270	20	1.00	4.9	20	1.00	Exposed to touch 70C	11.5	13	537	593	43	51	462	542	25	25
3 H 10	3x10	62	69	3.6	1.83	200	27	0.74	3.1	27	0.74	Exposed to touch 70C	13.6	15.1	768	833	54	59	542	632	25	32
3 H 16	3x16	83	92	2.3	1.15	140	34	0.59	2.1	34	0.59	Exposed to touch 70C	15.6	17.6	1050	1140	59	71	632	752	25	40
3 H 25	3x25	108	120	1.45	0.727	110	42	0.48	1.4	42	0.48	Exposed to touch 70C	18.2	20.2	1460	1564	71	79	752	812	40	40
4 H 1.5	4x1.5	20.5	23	24	12.1	350	14	1.43	16.2	14	1.43	Exposed to touch 70C	9.1	10.6	312	358	37	43	382	462	20	20
4 H 2.5	4x2.5	27	30	14	7.4	350	16	1.25	10.4	16	1.25	Exposed to touch 70C	10.1	11.6	395	444	40	47	422	462	20	25
4 H 4	4x4.0	36	40	9.1	4.6	280	20	1.00	6.7	20	1.00	Exposed to touch 70C	11.4	12.9	519	574	43	51	462	542	25	25
4 H 6	4x6.0	46	51	6	3.08	230	24	0.84	4.7	24	0.84	Exposed to touch 70C	12.7	14.2	658	719	47	54	502	592	25	32
4 H 10	4x10	61	68	3.6	1.83	160	30	0.67	3.0	30	0.67	Exposed to touch 70C	14.8	16.3	927	997	54	63	592	702	25	32
4 H 16	4x16	80	89	2.3	1.15	110	39	0.51	2.0	39	0.51	Exposed to touch 70C	17.3	19.3	1353	1455	67	75	702	752	32	40
4 H 25	4x25	104	116	1.45	0.727	90	49	0.41	1.4	49	0.41	Exposed to touch 70C	20.1	22.6	1822	1956	79	88	812	932	40	40
7 H 1.5	7x1.5	14	15.5	28	12.1	300	18	1.12	15.9	18	1.12	Exposed to touch 70C	10.8	12.3	444	496	43	47	462	502	25	25
7 H 2.5	7x2.5	19	21	17	7.4	210	22	0.91	10.0	22	0.91	Exposed to touch 70C	12.1	13.6	562	620	47	54	502	542	25	25
12H1.5	12x1.5	11.5	13	28	12.1	165	28	0.72	15.4	28	0.72	Exposed to touch 70C	14.1	15.6	706	774	54	59	592	632	32	Use RPS + gland earth tag
12H2.5	12x2.5	15.5	17	17	7.4	140	34	0.59	9.6	34	0.59	Exposed to touch 70C	15.6	17.6	907	997	59	71	632	752	32	Use RPS + gland earth tag
19H1.5	19x1.5	10	11	28	12.1	120	37	0.54	15.2	37	0.54	Exposed to touch 70C	16.6	18.6	982	1077	63	71	702	752	40	Use RPS + gland earth tag

\* 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  
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