

## MINERAL INSULATED COPPER CABLE - LIGHT DUTY

### MICC Fire Survival Cable (Light Duty 500v)

Remora Mineral Insulated Cable is a copper sheathed cable, designed to safely transmit power and control signals of critical equipment.

**Standards:** BS EN 60702-1:2002+A1:2015

**Cable Type:** Fire Survival Cable - Fire Resistant exceeding 3 hours @ 950°C

**Temperature Range:** -40°C to 250°C

**Conductors:** Plain Annealed Copper (Cu-ETP-2)

**Insulation:** Compressed Magnesium Oxide (MgO)

**Sheath:** Copper (Cu-DHP)

**Sheath (optional):** Coloured LSZH polymer

**Colour:** Bare Copper, Black, Orange, Red, White



Cable Size Reference	Conductors		Cables Exposed to Touch (ratings)			Sheath Cross Section Area (mm <sup>2</sup> )	Earth Fault Loop Impedance @ 70°C (R1+R2) Ohms / Km	Maximum Conductor Resistance 0Ω/Km @ 20°C	Cable Dia (mm)		Approx Weight per 1km (kg)		Gland Size		One Hole Clips		Two-Way Saddles		
	no.	mm <sup>2</sup>	Bare	Covered	AMP/m mV				Bare	LSZH Covered	Bare	LSZH Covered	Plain Seal (mm)	Earth Tail (mm)	Bare Copper	LSZH Covered	Bare Copper	LSZH Covered	
	2L1.5	2	1.5	20.5	23.0	28	6.3	18.62	12.1	5.7	7.2	132	156	20	20	22	28	222	302
	2L2.5	2	2.5	28.0	31.0	17	8.2	11.98	7.4	6.6	8.1	184	207	20	20	26	32	272	342
	2L4.0	2	4.0	36.0	40.0	10	10.7	7.91	4.6	7.7	9.4	253	290	20	20	30	37	302	382
	3L1.5	3	1.5	17.0	19.0	24	7.8	17.82	12.1	6.4	7.9	172	199	20	20	24	30	272	342
	3L2.5	3	2.5	23.5	26.0	14	9.5	11.62	7.4	7.3	9.0	234	270	20	20	28	34	302	342
	4L1.5	4	1.5	17.0	19.0	24	9.1	17.41	12.1	7.0	8.5	209	243	20	20	28	34	302	342
	4L2.5	4	2.5	23.0	26.0	14	11.3	11.16	7.4	8.1	9.8	288	333	20	20	32	37	342	422
	7L1.5	7	1.5	13.0	14.0	28	11.8	16.75	12.1	8.4	10.1	310	351	25	25	32	40	342	422
	7L2.5	7	2.5	17.0	19.0	17	15.4	10.58	7.4	9.7	11.4	433	475	25	25	37	43	382	462

### Tools

To complement the cable Remora has developed a complete range of tooling manufactured in the UK. These tools are specifically designed to be robust and to give long life performance. Please see MICC Tooling section from page 246..

