

# MICC | HEAVY DUTY MICC CABLE

MINERAL INSULATED COPPER CABLE - HEAVY DUTY

## MICC Cables

### Mineral Insulated Copper Cable

Mineral Insulated Cable (MICC) has been in use commercially since 1937, the fact that it is still widely used today is evidence that it has not been bettered by any other cable system. Soft skinned polymeric cables are a compromise in safety, fire performance and longevity when comparisons are made to MICC cables. Any cable system that relies on polymers for conductor insulation will burn and will be very likely to fail in a real fire situation, MICC cable does not rely on polymers for insulation.



### MICC Fire Survival Cable (Heavy Duty 750v) See Right...

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

**Temperature Range:** Up to 1,083°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



### MICC Twisted Conductor Cable

Our Twisted Conductor Cables are designed for use where enhanced fire survival is required such as fire alarm and detection systems. Other applications include fire telephone systems, CCTV and public address systems. Our Twisted Conductor Cables have reduced electromagnetic interference and signal corruption, reducing system malfunction and improved electrostatic screening.

**Standards:** BS EN 60702-1:2002

**Temperature Range:** Up to 1,083°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	Conductor Resistance (Ohms/Km)	Max Sheath Resistance @20C (Ohm/Km)	CAP-C/C @10kHz	CAP-C/SH @10kHz	IND-LOOP @10kHz	Character IMP	Diameter Over Sheath	Diameter Over LSZH	Conductor Area	Frequency of Twist (per meter)
MICC2T1.5	2	12.1	3.35	164	243	436	52	5.7	7.2	1.5	20
MICC2T2.5	2	7.4	2.53	170	270	410	49	6.6	8.1	2.5	20
MICC3T1.5	3	12.1	2.67	160	260	450	50	6.4	7.9	1.5	20
MICC4T1.5	4	12.1	2.33	180-216	290	520	48	7.0	8.5	1.5	20

