

2T1 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC2T1 TWISTED MICC	
Cable reference served (LSZH low smoke zero halogen material)	CCM2T1 TWISTED MICC	
Manufacturer	Wrexham Mineral Cables	
Cables manufactured to	BSEN 60702-1:2002	
Cable type	Mineral Insulated Cable	
Cable voltage rating	500 VOLTS	
Insulation	Compressed magnesium oxide	
Conductor	Plain annealed copper	
Number of conductors	2	
Nominal conductor mm²	1mm²	
Current rating	Bare 16.5 (amps)	Served 18.5 (amps)
Voltage drop	42 (per amp / per metre mv)	
Sheath cross section area	5.4 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	26.590 (R1 + R2) OHMS / km	
Maximum conductor resistance	18.10 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	5.10mm Bare	6.6mm Served
Approximate longest coil	1500m	
Approximate weight per 1000m	Bare 105kg	Served 124kg
Accessories		
Gland size reference:	RGM2L1/20	
Plain seal kit	RPS2L1	
Earth tail seal kit	RPSL2L1	
One hole clip reference Bare and LSZH coated	Bare – RC20	Served – RCHL26 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS202	Served – RSFL272 Various colours
Shroud	PVC RHG20 Various colours	LSZH – RHGMM20 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 20	
Zinc plated steel lock washer	RLWS 20	
Complete straight through joint	RJMZ 20	

Sheath Resistance	3.2ohms/Km
Cap-C/SH @10kHz	144 pF/m
Cap-C/SH @ 10kHz	219 pF/m
Ind – Loop @ 10kHz	443 uH/km
Character Imp	55 ohms