

4T1.5 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC4T1.5 TWISTED MICC	
Cable reference served (LSZH low smoke zero halogen material)	CCM4T1.5 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	4	
Nominal conductor mm²	1.5mm²	
Current rating	Bare 17.5 (amps)	Served 19.5 (amps)
Voltage drop	24 (per amp / per metre mv)	
Sheath cross section area	9.10 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	17.416 (R1 + R2) OHMS / km	
Maximum conductor resistance	12.10 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	7.00mm Bare	8.50 mm Served
Approximate longest coil	1500m	
Approximate weight per 1000m	Bare 209kg	Served 243kg
Accessories		
Gland size reference:	RGM4L1.5/20	
Plain seal kit	RPSL4L1.5	
Earth tail seal kit	RPSL4L1.5	
One hole clip reference Bare and LSZH coated	Bare – RC28	Served – RCHL34 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS302	Served – RSFL342 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	1.9 ohms/Km	
Cap-C/SH @10kHz	180 - 216 pF/m	
Cap-C/SH @ 10kHz	290 pF/m	
Ind – Loop @ 10kHz	520 uH/km	
Character Imp	48 ohms	