

2T1.5 MINERAL INSULATED CABLE DATA SHEET

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| Cable reference bare | CC2T1.5 TWISTED MICC | |
| Cable reference served (LSZH low smoke zero halogen material) | CCM2T1.5 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 | 2 | |
| Nominal conductor mm² | 1.5mm² | |
| Current rating | Bare 20.5 (amps) | Served 23 (amps) |
| Voltage drop | 28 (per amp / per metre mv) | |
| Sheath cross section area | 6.3 (Effective mm²) | |
| Earth Fault Loop Impedance @ 70°C | 18.627 (R1 + R2) OHMS / km | |
| Maximum conductor resistance | 12.10 OHMS PER 1000 METRES AT 20°C | |
| Cable diameter bare / covered | 5.70mm Bare | 7.20mm Served |
| Approximate longest coil | 1500m | |
| Approximate weight per 1000m | Bare 132kg | Served 156kg |
| Accessories | | |
| Gland size reference: | RGM2L1.5/20 | |
| Plain seal kit | RPS2L1.5 | |
| Earth tail seal kit | RPSL2L1.5 | |
| One hole clip reference Bare and LSZH coated | Bare – RC22 | Served – RCHL22 Various colours |
| Two way saddle reference Bare and LSZH coated | Bare – RS222 | Served – RSFL302 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 | |

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|---------------------------|--------------------|
| Sheath Resistance | 2.7 ohms/Km |
| Cap-C/SH @ 10kHz | 164 pF/m |
| Cap-C/SH @ 10kHz | 243 pF/m |
| Ind – Loop @ 10kHz | 436 uH/km |
| Character Imp | 52 ohms |