

3T1.5 MINERAL INSULATED CABLE DATA SHEET

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| Cable reference bare | CC3T1.5 TWISTED MICC | |
| Cable reference served (LSZH low smoke zero halogen material) | CCM3T1.5 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 | 3 | |
| Nominal conductor mm² | 1.5mm² | |
| Current rating | Bare 17 (amps) | Served 19 (amps) |
| Voltage drop | 24 (per amp / per metre mv) | |
| Sheath cross section area | 7.80 (Effective mm²) | |
| Earth Fault Loop Impedance @ 70°C | 17.823(R1 + R2) OHMS / km | |
| Maximum conductor resistance | 12.10 OHMS PER 1000 METRES AT 20°C | |
| Cable diameter bare / covered | 6.40mm Bare | 7.90 mm Served |
| Approximate longest coil | 1500m | |
| Approximate weight per 1000m | Bare 172kg | Served 199kg |
| Accessories | | |
| Gland size reference: | RGM3L1.5/20 | |
| Plain seal kit | RPSL3L1.5 | |
| Earth tail seal kit | RPSL3L1.5 | |
| One hole clip reference Bare and LSZH coated | Bare – RC24 | Served – RCHL30 Various colours |
| Two way saddle reference Bare and LSZH coated | Bare – RS272 | 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 | 2.2 ohms/Km | |
| Cap-C/SH @10kHz | 160 pF/m | |
| Cap-C/SH @ 10kHz | 260 pF/m | |
| Ind – Loop @ 10kHz | 450 uH/km | |
| Character Imp | 50 ohms | |