

## 1H70 MINERAL INSULATED CABLE DATA SHEET

<b>Cable reference bare</b>	<b>CC1H70</b>	
<b>Cable reference served (LSZH low smoke zero halogen material)</b>	<b>CCM1H70 various colours</b>	
<b>Manufacturer</b>	<b>Wrexham Mineral Cables</b>	
<b>Cables manufactured to</b>	<b>BSEN 60702-1:2002</b>	
<b>Cable type</b>	<b>Mineral Insulated Cable</b>	
<b>Cable voltage rating</b>	<b>750 VOLTS</b>	
<b>Insulation</b>	<b>Compressed magnesium oxide</b>	
<b>Conductor</b>	<b>Plain annealed copper</b>	
<b>Number of conductors</b>	<b>1</b>	
<b>Nominal conductor mm<sup>2</sup></b>	<b>70 mm<sup>2</sup></b>	
<b>Current rating</b>	<b>Bare 199 (amps)</b>	<b>Served 221 (amps)</b>
<b>Voltage drop</b>	<b>0.55 (per amp / per metre mv)</b>	
<b>Sheath cross section area</b>	<b>27 (Effective mm<sup>2</sup>)</b>	
<b>Earth Fault Loop Impedance @ 70°C</b>	<b>0.781 (R1 + R2) OHMS / km</b>	
<b>Maximum conductor resistance</b>	<b>0.268 OHMS PER 1000 METRES AT 20°C</b>	
<b>Cable diameter bare / covered</b>	<b>13.70 mm Bare</b>	<b>15.40 mm Served</b>
<b>Approximate longest coil</b>	<b>215 m</b>	
<b>Approximate weight per 1000m</b>	<b>Bare 1019 kg</b>	<b>Served 1080 kg</b>
<b>Accessories</b>		
<b>Gland size reference:</b>	<b>RGM 1H70/25 (RPS) &amp; RGM1H70/40 (RPSL)</b>	
<b>Plain seal kit</b>	<b>RPS1H70</b>	
<b>Earth tail seal kit</b>	<b>RPSL1H70</b>	
<b>One hole clip reference Bare and LSZH coated</b>	<b>Bare – RC54</b>	<b>Served – RCHL59 Various colours</b>
<b>Two way saddle reference Bare and LSZH coated</b>	<b>Bare – RS542</b>	<b>Served – RSFL632 Various colours</b>
<b>Shroud</b>	<b>PVC – Various colours</b>	<b>LSZH – RHGMM25 / 40 Various colours</b>
<b>Conductor insulating sleeving (followed by mm size)</b>	<b>Standard sleeving RZP</b>	<b>Extension sleeving RZE</b>
<b>Brass locknuts</b>	<b>RLM 25 / 40</b>	
<b>Zinc plated steel lock washer</b>	<b>RLWS 25 / 40</b>	
<b>Complete straight through joint</b>	<b>RJMZ 25 / 40</b>	