

7L1 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC7L1	
Cable reference served (LSZH low smoke zero halogen material)	CCM7L1	
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	7	
Nominal conductor mm²	1mm²	
Current rating	Bare 9 (amps)	Served 10 (amps)
Voltage drop	42 (per amp / per metre mv)	
Sheath cross section area	10.20 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	24.333 (R1 + R2) OHMS / km	
Maximum conductor resistance	18.10 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	7.60mm Bare	9.30mm Served
Approximate longest coil	515m	
Approximate weight per 1000m	Bare 237kg	Served 271kg
Accessories		
Gland size reference:	RGM7L1/25	
Plain seal kit	RPS7L1	
Earth tail seal kit	RPSL7L1	
One hole clip reference Bare and LSZH coated	Bare – RC30	Served – RCHL37 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS302	Served – RSFL382 Various colours
Shroud	PVC - Various colours	LSZH – RHGMM25 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 25	
Zinc plated steel lock washer	RLWS 25	
Complete straight through joint	RJMZ 25	