

7L1.5 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC7L1.5	
Cable reference served (LSZH low smoke zero halogen material)	CCM7L1.5	
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	1.5mm²	
Current rating	Bare 11.5 (amps)	Served 13 (amps)
Voltage drop	28 (per amp / per metre mv)	
Sheath cross section area	11.80 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	16.758 (R1 + R2) OHMS / km	
Maximum conductor resistance	12.10 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	8.40mm Bare	10.10mm Served
Approximate longest coil	415m	
Approximate weight per 1000m	Bare 310kg	Served 351kg
Accessories		
Gland size reference:	RGM7L1.5/25	
Plain seal kit	RPS7L1.5	
Earth tail seal kit	RPSL7L1.5	
One hole clip reference Bare and LSZH coated	Bare – RC32	Served – RCHL40 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS342	Served – RSFL422 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	