

1H120 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H120	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H120 various colours	
Manufacturer	Wrexham Mineral Cables	
Cables manufactured to	BSEN 60702-1:2002	
Cable type	Mineral Insulated Cable	
Cable voltage rating	750 VOLTS	
Insulation	Compressed magnesium oxide	
Conductor	Plain annealed copper	
Number of conductors	1	
Nominal conductor mm²	120 mm²	
Current rating	Bare 272.5 (amps)	Served 303 (amps)
Voltage drop	0.33 (per amp / per metre mv)	
Sheath cross section area	37 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	0.516 (R1 + R2) OHMS / km	
Maximum conductor resistance	0.153 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	16.80 mm Bare	19.10 mm Served
Approximate longest coil	120 m	
Approximate weight per 1000m	Bare 1615 kg	Served 1713 kg
Accessories		
Gland size reference:	RGM 1H120/32 (RPS) only	
Plain seal kit	RPS1H120	
Earth tail seal kit	N/A	
One hole clip reference Bare and LSZH coated	Bare – RC63	Served – RCHL75 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS702	Served – RSFL752 Various colours
Shroud	PVC – Various colours	LSZH – RHGMM32 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 32	
Zinc plated steel lock washer	RLWS 32	
Complete straight through joint	RJMZ 32	