

1H10MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H10	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H10 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	10 mm²	
Current rating	Bare 63 (amps)	Served 70 (amps)
Voltage drop	3.6 (per amp / per metre mv)	
Sheath cross section area	9 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	3.545 (R1 + R2) OHMS / km	
Maximum conductor resistance	1.83 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	7.30 mm Bare	9.00 mm Bare
Approximate longest coil	635 m	
Approximate weight per 1000m	Bare 241 kg	Served 274 kg
Accessories		
Gland size reference:	RGM 1H10/20 (RPS) & RGM1H10/25 (RPSL)	
Plain seal kit	RPS1H10	
Earth tail seal kit	RPSL1H10	
One hole clip reference Bare and LSZH coated	Bare – RC28	Served – RCHL34 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS302	Served – RSFL342 Various colours
Shroud	PVC – RHG 20 Various colours	LSZH – RHGMM20 / 25 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 20 / 25	
Zinc plated steel lock washer	RLWS 20 / 25	
Complete straight through joint	RJMZ 20 / 25	