

1H25 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H25	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H25 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	25 mm²	
Current rating	Bare 108 (amps)	Served 120 (amps)
Voltage drop	1.45 (per amp / per metre mv)	
Sheath cross section area	15 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	1.715 (R1 + R2) OHMS / km	
Maximum conductor resistance	0.727 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	9.60 mm Bare	11.30 mm Served
Approximate longest coil	360 m	
Approximate weight per 1000m	Bare 458 kg	Served 500 kg
Accessories		
Gland size reference:	RGM 1H25/20 (RPS) & RGM1H25/32 (RPSL)	
Plain seal kit	RPS1H25	
Earth tail seal kit	RPSL1H25	
One hole clip reference Bare and LSZH coated	Bare – RC37	Served – RCHL43 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS382	Served – RSFL462 Various colours
Shroud	PVC – RHG 20 Various colours	LSZH – RHGMM20 / 32 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extention sleeving RZE
Brass locknuts	RLM 20 / 32	
Zinc plated steel lock washer	RLWS 20 / 32	
Complete straight through joint	RJMZ 20 / 32	