

1H16 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H16	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H16 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	16 mm²	
Current rating	Bare 83 (amps)	Served 92 (amps)
Voltage drop	2.3 (per amp / per metre mv)	
Sheath cross section area	12 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	2.471 (R1 + R2) OHMS / km	
Maximum conductor resistance	1.15 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	8.30 mm Bare	10.00 mm Served
Approximate longest coil	475 m	
Approximate weight per 1000m	Bare 327 kg	Served 364 kg
Accessories		
Gland size reference:	RGM 1H16/20 (RPS) & RGM1H16/25 (RPSL)	
Plain seal kit	RPS1H16	
Earth tail seal kit	RPSL1H16	
One hole clip reference Bare and LSZH coated	Bare – RC32	Served – RCHL37 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS342	Served – RSFL422 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	