

1H6 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC1H6	
Cable reference served (LSZH low smoke zero halogen material)	CCM1H6 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	6 mm²	
Current rating	Bare 47 (amps)	Served 52 (amps)
Voltage drop	6 (per amp / per metre mv)	
Sheath cross section area	8 (effective mm²)	
Earth fault loop impedance @ 70°C	5.318 (r1 + r2) ohms / km	
Maximum conductor resistance	3.08 ohms per 1000 metres at 20°C	
Cable diameter bare / covered	6.40 mm Bare	7.90mm Served
Approximate longest coil	600 m	
Approximate weight per 1000m	Bare 173 kg	Served 213 kg
Accessories		
Gland size reference:	RGM 1H6/20	
Plain seal kit	RPS1H6	
Earth tail seal kit	RPSL1H6	
One hole clip reference LSZH coated on served	Bare – RC24	Served – RCHL30
Two way saddle reference LSZH coated on served	Bare – RS272	Served – RSFL342
Shroud	PVC – RHG20	LSZH – RHGMM20
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZP
Brass locknuts	RLM 20	
Zinc plated steel lock washer	RLWS 20	
Complete straight through joint	RJMZ 20	