

3H16 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC3H16	
Cable reference served (LSZH low smoke zero halogen material)	CCM3H16	
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	3	
Nominal conductor mm²	16mm²	
Current rating	Bare 77 (amps)	Served 86 (amps)
Voltage drop	2.3 (per amp / per metre mv)	
Sheath cross section area	34 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	2.133 (R1 + R2) OHMS / km	
Maximum conductor resistance	1.15 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	15.60mm Bare	17.90mm Served
Approximate longest coil	140m	
Approximate weight per 1000m	Bare 1039kg	Served 1130kg
Accessories		
Gland size reference:	RGM3H16/25 (RPS) RGM3H16/40 (RPSL)	
Plain seal kit	RPS3H16	
Earth tail seal kit	RPSL3H16	
One hole clip reference Bare and LSZH coated	Bare – RC59	Served – RCHL71 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS632	Served – RSFL752 Various colours
Shroud	PVC - Various colours	LSZH – RHGMM25 / 40 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 25 / 40	
Zinc plated steel lock washer	RLWS 25 / 40	
Complete straight through joint	RJMZ 25 / 40	