

3H10 MINERAL INSULATED CABLE DATA SHEET

Cable reference bare	CC3H10	
Cable reference served (LSZH low smoke zero halogen material)	CCM3H10	
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	10mm²	
Current rating	Bare 58.5 (amps)	Served 65 (amps)
Voltage drop	3.6 (per amp / per metre mv)	
Sheath cross section area	27 (Effective mm²)	
Earth Fault Loop Impedance @ 70°C	3.147 (R1 + R2) OHMS / km	
Maximum conductor resistance	1.83 OHMS PER 1000 METRES AT 20°C	
Cable diameter bare / covered	13.60mm Bare	15.30mm Served
Approximate longest coil	160m	
Approximate weight per 1000m	Bare 758kg	Served 817kg
Accessories		
Gland size reference:	RGM3H10/25 (RPS) RGM3H10/32 (RPSL)	
Plain seal kit	RPS3H10	
Earth tail seal kit	RPSL3H10	
One hole clip reference Bare and LSZH coated	Bare – RC54	Served – RCHL59 Various colours
Two way saddle reference Bare and LSZH coated	Bare – RS542	Served – RSFL632 Various colours
Shroud	PVC - Various colours	LSZH – RHGMM25 / 32 Various colours
Conductor insulating sleeving (followed by mm size)	Standard sleeving RZP	Extension sleeving RZE
Brass locknuts	RLM 25 / 32	
Zinc plated steel lock washer	RLWS 25 / 32	
Complete straight through joint	RJMZ 25 / 32	