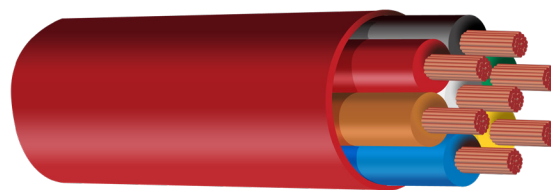


CONTROL VALVE WIRING cont.

MULTI CORE SPECIFICATIONS



- **Conductor:** Annealed copper to AS1125 drawn from Class 102 copper to AS1574
- **Insulation:** Coloured UV stabilised polypropylene
- **Outer Sheath:** Flexible coloured (red) PVC type 4V75 to AS3808
- **Coil Lengths:** 15, 25 & 50 m (0.5 mm² only) 100 and 500 metres
- **Sizes:** 0.5, 1.0, 1.5, 2.5 mm²

Applications

For use in automatic irrigation systems to connect solenoid valves to controller. Extra low voltage systems only (as defined by AS3000). Suitable for direct burial. Not suitable for connection to Mains Power Supply.

Ordering Information

	Cores	Gauge (mm)	Length (m)
MC	XX	XX	XXX
MC	02	10, 15, 25 (1.0, 1.5, 2.5 mm)	100, 500
MC	03	05, 10, 15, 25 (0.5, 1.0, 1.5, 2.5 mm)	50, 100, 500
MC	05	05, 10, 15, 25 (0.5, 1.0, 1.5, 2.5 mm)	15*, 25*, 50*, 100, 500
MC	07	05, 10, 15, 25 (0.5, 1.0, 1.5, 2.5 mm)	15*, 25*, 50*, 100, 500
MC	09	05, 10, 15, 25 (0.5, 1.0, 1.5, 2.5 mm)	15*, 25*, 50*, 100, 500
MC	13	05, 10, 15, 25 (0.5, 1.0, 1.5, 2.5 mm)	50, 100, 500

Example of how to order: 7 core x 1.5mm² x 500 metre coil – MC0715500
*0.5mm² only

Typical Properties

Nominal Area per core (mm ²)	No. of Cores.	Conductor No/ Diam (mm) per Core	Amp rating (Amps)	Insulation Thickness (mm)	Sheath Thickness (mm)	Electrical Resistance @ 20°C ohms/1000m	Nominal OD (mm)	Weight (kg/100m)
0.5	3	7/0.30	4	0.3	0.6	38.4	4.60	3.20
	5	7/0.30	4	0.3	0.6	38.4	5.50	4.60
	7	7/0.30	4	0.3	0.6	38.4	6.10	6.00
	9	7/0.30	4	0.3	0.6	38.4	7.10	7.50
	13	7/0.30	4	0.3	0.7	38.4	8.50	10.70
1.0	2	7/0.43	10	0.4	0.6	21.2	5.50	3.90
	3	7/0.43	10	0.4	0.6	21.2	5.80	4.70
	5	7/0.43	10	0.4	0.6	21.2	7.20	7.30
	7	7/0.43	10	0.4	0.6	21.2	7.80	9.80
	9	7/0.43	10	0.4	0.7	21.2	9.20	12.30
	13	7/0.43	10	0.4	0.7	21.2	10.70	17.70
1.5	2	7/0.50	16	0.4	0.6	13.6	5.90	4.40
	3	7/0.50	16	0.4	0.6	13.6	6.20	6.40
	5	7/0.50	16	0.4	0.6	13.6	7.70	9.50
	7	7/0.50	16	0.4	0.7	13.6	8.60	12.70
	9	7/0.50	16	0.4	0.7	13.6	10.20	16.10
	13	7/0.50	16	0.4	0.7	13.6	11.60	22.80
2.5	2	7/0.67	23	0.4	0.6	7.41	7.10	6.80
	3	7/0.67	23	0.4	0.6	7.41	7.20	9.30
	5	7/0.67	23	0.4	0.7	7.41	9.20	14.70
	7	7/0.67	23	0.4	0.7	7.41	10.10	20.70
	9	7/0.67	23	0.4	0.7	7.41	12.90	26.00
	13	7/0.67	23	0.4	0.8	7.41	14.20	36.00

Core Colours

2 core	Black	Red											
3 core	Black	Red	White										
5 core	Black	Red	White	Blue	Green								
7 core	Black	Red	White	Blue	Green	Brown	Yellow						
9 core	Black	Red	White	Blue	Green	Brown	Yellow	Pink	Grey				
13 core	Black	Red	White	Blue	Green	Brown	Yellow	Pink	Grey	Violet	Beige	Lt Green	Orange