

Specialty Control Wire

GDC, TDC Decoder Communication Cable

Application

For use specifically in GDC and TDC control systems to connect decoders to the interface unit. Extra low voltage systems only (as defined by AS3000). Suitable for direct burial. Not suitable for connection to Mains Power.

Features

- Heavy duty outer sheath to help retain the integrity of the cable.
- Two cores are colour coded to match the communication cable from the decoders and reduce the possibility of wiring errors.

Specifications	
Conductor	Tinned, solid core copper wire
No. of conductors	2
Insulation	V75 PVC to AS3808, 1.5mm thick
Outer Sheath	Red Heavy duty, 4V75 PVC to AS3808, 1.2mm thick
Colours	1 x Black and 1 x white insulation with Red outer sheath
Coil Length	500 metres
Size	2.5mm ² (two conductors)
Coil Weight/100m	13.4 kg
Nominal Cross section	7.5mm x 12.5mm
Electrical resistance @ 20°C, ohms/1000m	7.35



GDC, TDC Decoder-Solenoid Cable

Application

For use specifically in GDC and TDC control systems to connect decoders to each solenoid. Colour coded to match decoder wiring and help avoid incorrect connection. Suitable for direct burial. Not suitable for connection to Mains.

Features

- Two products available; 4 core, 8 core.
- Use 4 core on 1 and 2 output decoders
- Use 8 core on 4 output decoders
- Colour coding helps to avoid incorrect solenoid wiring polarity. Always connect the Black striped wire to the Black wire of the latching coil.

Specifications	
Conductor	Stranded copper wire
Insulation	Coloured UV stabilised polypropylene
Outer Sheath	Red 4V75 PVC to AS3808
Colours: 4 core	Green, Green with Black stripe, Red and Red with Black stripe
Colours: 8 core	Green, Green with Black stripe, Red and Red with Black stripe, orange and Orange with Black stripe, Blue and Blue with Black stripe
Coil Length	500 metres
Size	1.5mm ² conductors
Coil Weight	40kg (4 core) 75kg (8 core)
Electrical resistance @ 20°C, ohms/1000m	13.6



Ordering Information

Code	Description
MC0225500-D	2 x 2.5mm ² solid core copper GDC/TDC communication cable x 500 metre
MC0415500-D	4 x 1.5mm ² stranded copper GDC/TDC cable x 500 metre. Use with 1 & 2 output decoders
MC0815500-D	8 x 1.5mm ² stranded copper GDC/TDC cable x 500 metre. Use with 4 output decoders