Specialty Control Wire

Grounding Cable – Bare Copper, Single Core

Application

For use in grounding controllers and decoder systems and providing extra lightning protection. Connection to copper rods and plates. Not for use in connecting to solenoids.

- Soft-Annealed, bare, solid, single core copper, 6AWG (13.2mm2).
- Coil length 75 metre.
- Weight 9.6 kg

Screened Communication Cable Toro Communication Cable

Code: 591-008/HC

Application

For use in central control systems where the communication from the central PC to the field controllers is via hard wire. Also for use, in some circumstances, for connection of various sensors to field controllers.

Features

- The cable comprises two stranded, insulated conductors, and aluminium shield and drain wire to protect signals from electrical, magnetic or RF interference, and a sunlight resistant PE outer jacket. The wires are twisted with a 75mm maximum lay.
- Suitable for below ground installation but not armour protected.

Irritrol Communication Cable

Code: 1013553 and 1013554

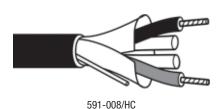
Application

Intended for use with MicroMaster® control system for signal relay, sensing and communication. Suitable for below ground installation but not armour protected.

Features

 The cable comprises two stranded, insulated conductors, and aluminium shield and drain wire to protect signals from electrical, magnetic or RF interference, and a sunlight resistant PE outer jacket. The wires are twisted with a 75mm maximum lay.

| Ordering Information | | |
|----------------------|-----------------------------------------------------------------------------|--|
| Code | Description | |
| 6AWG075BCC | Single Core 13mm2 x 75m coil, single core bare copper cable (no insulation) | |



| Specifications | | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| Insulation | Polyethylene to ICE S-61-402 and ASTM D-1248. | |
| Insulation Colour | Yellow | |
| Insulation thickness | 0.41mm (16 mils) | |
| Shield | A 2 mil aluminium backed polyester shielding with a 1.37mm2 (#16 AWG) solid, tinned copper drain wire in contact with the aluminium | |
| Sheath | Black heat stabilized, high density Polyethylene, sunlight and moisture resistant, conforming to ICEA S-61-402, NEMA WC-5 and ASTM D-1248. | |
| Sheath Thickness | 1.14mm (45 mils) | |
| Sheath OD | 7.6mm (0.3") | |
| Conductors | Stranded soft annealed tin coated copper conforming to ASTM-B-3 and B-8. | |
| Conductor Size | 1.37mm2 (#16 AWG) | |
| No. of Conductors | Two | |

| Specifications | | |
|----------------------|-------------------------------------------------------------------------------------------------|--|
| Insulation | Low density polyethylene to AS3808. | |
| Insulation Colour | Red, White, Blue, Black | |
| Insulation thickness | 0.25mm | |
| Shield | Aluminium backed polyester shielding with a 1/0.64mm (0.32mm2) solid, tinned copper drain wire. | |
| Sheath | Black medium density Polyethylene. | |
| Sheath Thickness | 1.15mm | |
| Sheath OD | 5.5 | |
| Conductors | Single core, plain copper wire. | |
| Conductor Size | 0.32mm2 (#22 AWG) | |
| No. of Conductors | Four | |