

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 13mm ² x 75m coil, single core bare copper cable (no insulation)



591-008/HC

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 1.37mm ² (#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	1.37mm ² (#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 (0.32mm ²) 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	0.32mm ² (#22 AWG)
No. of Conductors	Four