

# Underground Low Energy Circuit Cable

**Conductor construction** is soft drawn bare copper meeting the requirements of ASTM Specification B-3. Gauge sizes 18 and 16 are solid conductors.

The insulation is a high quality polyvinylchloride (PVC) for systems applications of up to 150 volts and conductor temperatures up to 60° C.

**Application:** Suitable for use as power and control wire for irrigation systems.

**Conductor:** Soft drawn bare copper (ASTM Spec. B-3), Solid (18 awg and 16 awg)

**Insulation:** Polyvinylchloride (PVC)

**Temperature:** 60° C

**Voltage:** 150 volts

**Conductor Size**  
18 awg thru 16 awg

**Insulation Thickness**  
.045

Material must be able to pass the following tests without showing signs of degradation:

**Cold Bend** — The insulation shall not show any cracks when sample is bent around a 3X mandrel after being subjected to -25° C for four (4) hours.

**Electrical** — AC test voltage, 60 seconds at 5000 volts.

**Sunlight Resistance Test** — Samples conditioned for 300 hours of carbon-arc or xenon-arc exposure.

**RoHS**  
Compliant



Regency's single conductor Low Energy Circuit Cable is manufactured for the purpose of direct burial power wire applications in accordance with the National Electric Code.

