

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.

