

## UF-TWU Irrigation Wire

**Conductor construction** is soft drawn bare copper meeting the requirements of ASTM Specifications B-3, B-8 and B-787. Gauge sizes 14 thru 8 are solid conductors. Sizes 6 thru 4/0 are stranded conductors.

The insulation is a high quality polyvinylchloride (PVC) for systems applications of up to 600 volts and conductor temperatures up to 60° C.

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

**Conductor:** Soft drawn bare copper (ASTM Specs. B-3, B-8 and B-787), Solid (14 awg thru 8 awg), Stranded (6 awg thru 4/0 awg).

**Insulation:** Polyvinylchloride (PVC)    **Temperature:** 60° C    **Voltage:** 600 volts

Conductor Size	Insulation Thickness
14 awg thru 10 awg	.060
8 awg thru 2 awg	.080

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.

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

Regency's Type UF cables are intended for use in accordance with Article 339 and other applicable parts of the National Electrical Code in wiring systems operating at a potential of 600 V or less.



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