

# Irrigation American Wire-uf Direct Burial - V

## Application:

Irrigation single conductor wire type UF is employed for direct burial use in commercial sprinkler and irrigation systems, Golf courses, Public parks, Plantations and commercial produce farms.

## Specification:

**TechLine/Amwaj** IRRIGATION AMERICAN WIRE are designed and tested according to the requirements of UL493 standard. However, **TechLine/Amwaj** can also supply a range of alternative designs to meet customer-specified requirements.

## Construction:

Conductor  
Solid annealed copper conductor as per UL 1581.

## Insulation:

Solid extruded PVC insulation with Rated 70 °C at normal operation.

## Colors:

Colors are available in black, white, red, blue, green, yellow, yellow/green, pink, violet, orange, brown and gray.

## Packing:

Very modern packing available in standard length of 2500 feet on plywood  
(Other lengths available on request).

## Marking:

**TechLine** IRRIGATION AMERICAN WIRES UF #14 AWG 600 V



## TECHNICAL DATA:

Size	Wire Diam.	Max. DC conductor Resistance	Insulation Thickness	Nominal Outer Diameter	Approx.Net Weight	Current Carry Capacity at 30C ambient temperature		Ordering Information
						Ampere ( Air)	Ampere (Conduit)	Item Code
(AWG)	(MM)	(ohm/km at 20C °C)	(MM)	(MM)	(Kg/2500 FEET)			
14	1.63	8.45	1.6	4.83	32	30	20	IRW-14AWG-600P
12	2.05	5.31	1.6	5.25	43	35	22	IRW-12AWG-600P
10	2.59	3.343	1.6	5.79	58	45	35	IRW-14AWG-600P