

JUMPER WIRE

NOMINAL WIRE DATA

Solid Copper Conductor PVC Insulation

Colour OF PAIRS	NUMBER OF PAIRS	CONDUCTOR DIA mm	OVERALL DIA mm	WEIGHT KG/KM	STANDARD LENGTH MTRS
Blue - White	2	0.5	2.2	4	500
Red - White					
Black - Red	3	0.5	2.4	5	500
Yellow - White	4	0.5	2.7	6	500

- ➔ Twinning Two Insulated Wires are twisted together
- ➔ Installation Used for main distribution frames and cabinets.

ELECTRICAL AND TRANSMISSION CHARACTERISTICS

Conductor Resistance (Ohms/km)	
Average maximum	92
Individual maximum	96
Resistance Unbalance (%)	
Average maximum	0.75
Individual maximum	2.5
Insulation Resistance (M ohms/Km)	
PVC Insulation Minimum	5,000
Dielectric strength (DC Volt for 1 minute)	
Nominal	1,500

TYPE UF SPRINKLER IRRIGATION CONTROL WIRE American Standard

- ➔ Conductor Solid or stranded, soft bare copper conductor, extra-heavy thickness of special polyvinylchloride insulation according to UL 493 RATED 600 V
- ➔ Specification Copper conductor meet requirements of ASTM B-3, B-8.
- ➔ Colours Standard Colours are black, white, red, blue, green, orange, yellow, additional colours are available on request.
- ➔ Application Single conductor Type UF is especially for direct use in institutional and commercial sprinkler and irrigation system-golf courses, estates highway and ground covers, public parks, plantations, farms.
- ➔ Packing Standard packages are long length or 500 feet, 1250 feet, 2500 feet, in plywood, cardboard spools or coils

Size (AWG)	Number of Strands x Dia mm	Radial thickness of Insulation mm	Overall Diameter Max. mm	Approximate weight of cable Kg/Km
18	1 x 1.02	1.2	3.42	19
16	1 x 1.29	1.2	3.68	25
14	1 x 1.63	1.6	4.83	41
12	1 x 2.05	1.6	5.25	55
10	1 X 2.59	1.6	5.79	76