

Irrigation Cable, 2C&3C, 12&14AWG, Unscreened & PE Sheath

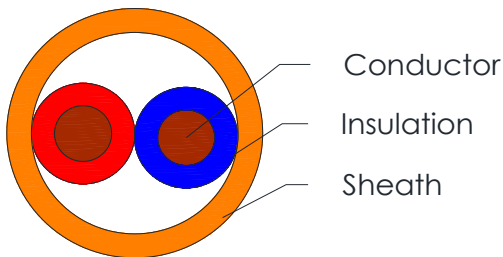


C1993, C1994, C6141, C6142

Applications

This specification covers jacketed cables containing two listed Sprinkler Systems. Wires, single conductor, suitable for direct burial, for operation up to 600 volts, and temperatures up to 60°C.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid soft drawn Bare Copper wire meeting the requirements of ASTM specification B-3 or B-8.
Insulation	High density polyethylene Core 1: Red Core 2: Blue 3: Black
Sheath	Low density high molecular weight polyethylene Color can be: Blue, Grey, Purple, Yellow, Orange or Tan
Standard Put Up Length	1000' (328m), 2500' (762m) and some odd lengths

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

Physical Characteristics

Part Number	C1993	C6141	C1994	C6142
No of Cores	2	3	2	3
Conductor Size (AWG)	12	12	14	14
Cross Section (mm ²)	3.32	3.32	2.08	2.08
Nom. Radial Thickness Insulation (mm)	1.14			
Min. Twisted Lay length (mm)	102			
Nom. Radial Thickness Sheath (mm)	0.90			
Minimum inner diameters of outer jacket (mm)	9.8	10.4	9.1	9.7
Operating Temperature (°C)	-20 to +60			
Operating Voltage (V)	600			
Shipping weight (KG/328m)	36	55	30	46

Reference Standards

(BS) EN 50290-2	ASTM B-3 or B-8
IEC 60228	RoHS directives