



TUCOR® CONTROL CABLE

The Tucor control cable is designed to operate valve decoders and sensor decoders. It consists of bare copper conductors insulated with PVC and a high-density polyethylene direct burial jacket. Operating 2 valves simultaneously the cable can stretch to 11,200 feet on 18 gauge and 27,300 on 14 gauge. 12 gauge is available on special order.



FLOWMASTER WORKING RANGE:

The length of the cable that will still permit reliable operation of the valves depends on the size of the wires and the number of valves that need to be operated simultaneously. If the line is supplied with power from one end only, the ranges can be read off the table below. The table is based on Rain Bird valves or similar (24 V AC, 2 W, 28 Ω):

# OF SIMULT. OPEN VALVES	WIRE #22 (FEET)	WIRE #18 (FEET)	WIRE #14 (FEET)	WIRE #12 (FEET)
1	2,100	13,700	33,700	53,600
2	1,750	11,200	27,300	43,400
3	1,470	9,400	22,900	36,400
4	1,270	8,100	19,800	31,500
6	1,000	6,400	15,600	24,800
8	810	5,200	12,900	20,500
10	700	4,500	10,900	17,300

If the end of the cable is looped back and supplied from both ends, the above wire lengths may be multiplied by 3.

SPECIFICATIONS:

Installation: Polyvinylchloride
Jacket: Polyethylene
Sizes: 12-18 AWG

ORDERING CONFIGURATIONS:

Contact factory