

# 20/10 Control Cable - 12 AWG



## APPLICATION:

20/10 Control Cable is a general purpose control cable, which is primarily used in industrial and utility applications, for distribution or control circuits and for the interconnection of operation of protective devices. 20/10 Control Cable can be installed in open air, in ducts or conduits, in trays or troughs and direct burial applications. 20/10 Control Cable is for circuits up to 600 volts and temperatures up to 75°C.

## CONDUCTORS:

- Stranded soft drawn copper conductor, per ASTM B3 & B8

## INSULATION:

- Heat and moisture resistant colored combination insulation of 20mils of polyethylene (PE) and 10mils of polyvinyl chloride (PVC). Optional 30/15 construction is available upon request.

## COLOR CODE:

### ICEA S-73-532, METHOD 1, TABLE E-1

Cond #	Color	Tracer	Cond #	Color	Tracer	Cond #	Color	Tracer
1	Black	--	8	Red	Black	15	Blue	White
2	White	--	9	Green	Black	16	Black	Red
3	Red	--	10	Orange	Black	17	White	Red
4	Green	--	11	Blue	Black	18	Orange	Red
5	Orange	--	12	Black	White	19	Blue	Red
6	Blue	--	13	Red	White	20	Red	Green
7	White	Black	14	Green	White	21	Orange	Green

*For more than 21 conductors, the color sequence shall be repeated as necessary.*

## SHIELD:

- Optional aluminum/polyester tape, helical copper tape or corrugated copper tape shields are available upon request.

## JACKET:

- Polyvinyl chloride (PVC), which is heat, moisture and sunlight resistant. Available in black, brown or white. Other colors available upon request.

## STANDARDS:

- ICEA S-73-532/NEMA WC 57
- Direct burial
- Sunlight resistant

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Part Number	No. of Conductors	Overall PVC Jacket	Overall Diameter		Net Weight
		mils	inches	mm	lbs/1000'
12-02-20/10CON	2	45	0.363	9.22	89
12-03-20/10CON	3	45	0.430	10.92	120
12-04-20/10CON	4	45	0.480	12.19	150
12-05-20/10CON	5	45	0.520	13.21	180
12-06-20/10CON	6	60	0.600	15.24	220
12-07-20/10CON	7	60	0.600	15.24	250
12-08-20/10CON	8	60	0.650	16.51	290
12-09-20/10CON	9	60	0.690	17.53	330
12-10-20/10CON	10	60	0.750	19.05	360
12-11-20/10CON	11	60	0.750	19.05	385
12-12-20/10CON	12	60	0.780	19.81	405
12-13-20/10CON	13	60	0.790	20.07	445
12-14-20/10CON	14	60	0.820	20.83	470
12-15-20/10CON	15	60	0.900	22.86	550
12-16-20/10CON	16	80	0.900	22.86	560
12-17-20/10CON	17	80	0.950	24.13	610
12-18-20/10CON	18	80	0.950	24.13	625
12-19-20/10CON	19	80	0.950	24.13	640
12-20-20/10CON	20	80	1.000	25.40	685
12-23-20/10CON	23	80	1.040	26.42	775
12-25-20/10CON	25	80	1.110	28.19	840
12-27-20/10CON	27	80	1.130	28.70	900
12-29-20/10CON	29	80	1.140	28.96	950
12-31-20/10CON	31	80	1.190	30.23	1,015
12-32-20/10CON	32	80	1.210	30.73	1,055
12-37-20/10CON	37	80	1.260	32.00	1,210

All values are nominal and subject to correction.