

Bunch stranded, bare copper conductors class "B", 75° polyvinyl chloride insulation, with a separator applied between the insulation and PVC overall jacket.

APLICACION

Designed for use in remote control of equipments, temperature control systems, traffic and fire alarm circuits.
Voltage rating: 600 V

CONSTRUCTION ELEMENTS

- A. Stranded bare copper conductor
- B. Polyvinyl chloride insulation
- C. Separator polyester tape
- D. Polyvinyl chloride jacket

STANDARDS

Standard for control cables: ICEA S-73-532/NEMA WC 57

CABLE DATA

Size	18 AWG			16 AWG			14 AWG			12 AWG			10 AWG		
Construction	7x0,152 (inches)			7 x 0,019 (inches)			7x0,024 (inches)			7x0,031 (inches)			7x0,039 (inches)		
Cond.diameter	0,046 (inches)			0,057 (inches)			0,073(inches)			0,092 (inches)			0,115 (inches)		
Insul. Thickness	0,032 (inches)			0,032 (inches)			0,046 (inches)			0,046 (inches)			0,046 (inches)		
N° of Conductor	Jacket Thickness (inches)	Aprox. outside diameter	Aprox. Total weight (pounds / kft)	Jacket Thickness (inches)	Aprox. outside diameter	Aprox. Total weight (pounds / kft)	Jacket Thickness (inches)	Aprox. outside diameter	Aprox. Total weight (pounds / kft)	Jacket Thickness (inches)	Aprox. outside diameter	Aprox. Total weight (pounds / kft)	Jacket Thickness (inches)	Aprox. outside diameter	Aprox. Total weight (pounds / kft)
2	0.046	0.315	42	0.046	0.399	52	0.046	0.429	80	0.046	0.469	103	0.046	0.516	135
3	0.046	0.333	54	0.046	0.358	67	0.046	0.457	106	0.046	0.498	138	0.062	0.581	202
4	0.046	0.362	66	0.046	0.389	84	0.046	0.500	133	0.062	0.581	192	0.062	0.638	256
5	0.046	0.394	81	0.046	0.425	103	0.062	0.581	183	0.062	0.633	239	0.062	0.698	322
6	0.046	0.423	96	0.046	0.458	123	0.062	0.626	218	0.062	0.685	286	0.062	0.756	319
7	0.046	0.423	100	0.046	0.458	130	0.062	0.626	229	0.062	0.685	304	0.062	0.756	413
8	0.046	0.461	117	0.046	0.500	152	0.062	0.683	269	0.062	0.748	355	0.082	0.866	514
9	0.046	0.496	135	0.062	0.569	190	0.062	0.736	310	0.062	0.807	410	0.082	0.933	590
10	0.062	0.563	154	0.062	0.610	198	0.062	0.791	319	0.082	0.909	455	0.082	1,000	614
12	0.062	0.581	175	0.062	0.629	227	0.062	0.819	369	0.082	0.939	525	0.082	1.037	715
14	0.062	0.610	199	0.062	0.662	259	0.082	0.902	454	0.082	0.990	602	0.082	1.094	822
15	0.062	0.629	212	0.062	0.683	276	0.082	0.931	484	0.082	1.024	643	0.082	1.132	880
16	0.062	0.642	224	0.062	0.697	292	0.082	0.950	512	0.082	1.043	681	0.082	1.155	933
18	0.062	0.671	249	0.062	0.730	326	0.082	0.996	572	0.082	1.094	762	0.082	1.213	1047
20	0.062	0.698	270	0.062	0.762	354	0.082	1.039	620	0.082	1.143	829	0.082	1.268	1143
22	0.062	0.713	295	0.062	0.776	388	0.082	1.059	681	0.082	1.165	913	0.082	1.291	1259
24	0.062	0.779	315	0.082	0.889	445	0.082	1.161	726	0.082	1.279	974	0.082	1.421	1344
25	0.062	0.779	324	0.082	0.889	458	0.082	1.161	749	0.082	1.279	1007	0.082	1.421	1392
26	0.062	0.779	334	0.082	0.889	471	0.082	1.161	772	0.082	1.279	1039	0.082	1.421	1440
28	0.062	0.803	356	0.082	0.917	503	0.082	1.199	825	0.082	1.321	1112	0.082	1.469	1542
30	0.082	0.866	408	0.082	0.917	534	0.082	1.232	880	0.082	1.360	1188	0.082	1.512	1648

Construction options:

- Flexible tinned conductor
- Polyethylene, PVC, NYLON or XLPE insulation.
- Copper tape shield
- Voltage rating: 300-1000 V

Color coding: ICEA S-73-532 method 1 or 4.

The data listed above is approximate and subject to normal manufacturing tolerances. Specifications are subject to change without notice.

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