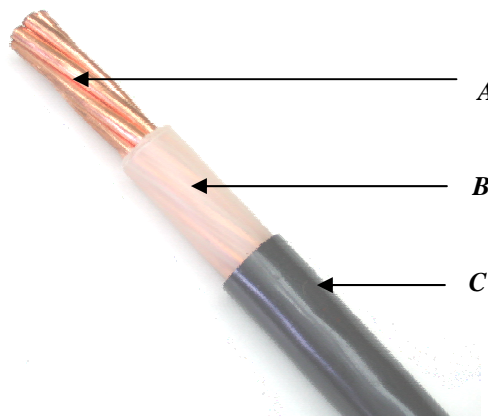


Soft annealed copper solid conductor (14-8 AWG) or stranded class "B" (14 AWG -1000 kcmil), 75°C low density Polyethylene insulation and PVC external Jacket.



CERTIFICACION 00980



**APPLICATION**

For use in building and industrial instalations, especially in subterranean line mainly for underground service.  
Voltage of operation : 600 V

**CONSTRUCTION ELEMENTS**

- A. Solid or stranded bare copper conductor
- B. PE Insulation
- C. PVC Jacket

**STANDARDS**

Standar for nonshielded power cables rated 2000 volts or less for the distribution of electrical energy ICEA S-95-658/NEMA WC 70

**CABLE DATA**

Size AWG/ kcmil	Construction		Conductor Diameter (inches)	Thickness (inches)		Aprox. outside diameter (inches)	Aprox. Total weight (pounds/kft)	Ampacity (A) Ø
	N° of wires	Diameter of wires (inches)		Insulation (inches)	Jacket (inches)			
14	1	0.064	0.064	0.032	0.018	0.163	21	20
12	1	0.081	0.081	0.032	0.018	0.179	30	25
10	1	0.102	0.102	0.032	0.018	0.201	42	35
8	1	0.129	0.128	0.047	0.018	0.258	68	50
14	7	0.024	0.073	0.032	0.018	0.171	22	20
12	7	0.031	0.092	0.032	0.018	0.191	31	25
10	7	0.039	0.115	0.032	0.018	0.215	45	35
8	7	0.049	0.146	0.047	0.018	0.274	71	50
6	7	0.061	0.183	0.047	0.031	0.340	113	65
4	7	0.077	0.232	0.047	0.031	0.388	168	85
2	7	0.097	0.292	0.047	0.031	0.449	253	115
1/0	19	0.074	0.362	0.057	0.047	0.411	402	150
2/0	19	0.084	0.408	0.057	0.047	0.614	498	175
3/0	19	0.094	0.457	0.057	0.047	0.663	613	200
4/0	19	0.106	0.512	0.057	0.047	0.719	757	230
250	37	0.082	0.559	0.067	0.067	0.827	922	255
300	37	0.090	0.612	0.067	0.067	0.879	1089	285
350	37	0.097	0.661	0.067	0.067	0.929	1253	310
400	37	0.104	0.707	0.067	0.067	0.974	1416	335
500	37	0.116	0.789	0.067	0.067	1.096	1743	380
600	61	0.099	0.866	0.082	0.067	1.163	2092	420
750	61	0.111	0.970	0.082	0.067	1.267	2585	475
1000	61	0.128	1.118	0.082	0.067	1.415	3384	545

Ø Ampacity of not more than three conductors in raceway or directly buried, based on ambient temperature of 30°C (86 F) Table 310-16 of the National Electrical Code.

- Optional:**
- ✓ Extra – flexible conductor (class C) for size ( 14 AWG - 500 kcmil).
  - ✓ PVC external Jacket, flame retardant, low smoke and low emission toxic and corrosive gasses.  
(Pass vertical tray test – UL 1581)

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