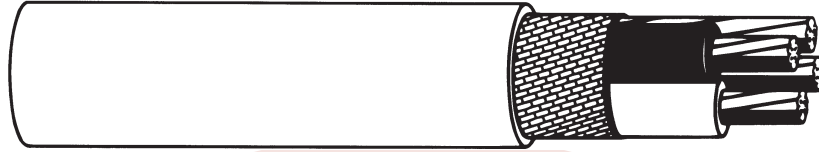


COPPER BUILDING WIRE

SER

Service Entrance Cable, Type SE, Style SER. 600 Volt. Copper Conductors. Individual Conductors Rated XHHW-2. Overall Sunlight Resistant PVC Jacket.



APPLICATIONS

Type SE, Style SER service entrance cable is primarily used as panel feeder in multiple unit dwellings; however, the cable may be used in all applications where Type SE cable is permitted. SER may be used in wet or dry locations at temperatures not to exceed 90°C. Voltage rating is 600 Volts.

CONSTRUCTION

Type SE, Style SER cable is constructed with XHHW-2 conductors. Copper conductors are annealed (soft) copper. Cable assembly plus fiberglass reinforcement tape are jacketed with a sunlight resistant grey polyvinyl chloride (PVC). Available as 3 conductor (2 insulated phase conductors, insulated neutral) or 4 conductor (2 insulated phase conductors, insulated neutral, bare equipment ground).

SPECIFICATIONS

Type SE, Style SER meets or exceeds UL Standard 44, UL Standard 854, Federal Specification J-C-30B, and requirements of the National Electrical Code¹.

PVC Catalog #	Conductor Size (AWG or KCMIL)	Stranding		Nominal O.D.	Copper Approx. Net Weight Per 1000' (Lbs.)	Allowable Ampacities+			
		Phase Conductors & Neutral	Equipment Ground Conductor			60°C	75°C	90°C	Dwelling
THREE CONDUCTOR									
06-0193	8-8-8	7	--	.584	236	40	50	55	--
06-0195	6-6-6	7	--	.664	343	55	65	75	--
06-0197	4-4-4	7	--	.764	500	70	85	95	100
06-0199	3-3-3	7	--	.824	614	85	100	110	110
06-0201	2-2-2	7	--	.891	755	95	115	130	125
06-0203	1-1-1	19	--	1.015	946	110	130	150	150
06-0205	1/0-1/0-1/0	19	--	1.100	1167	125	150	170	175
06-0207	2/0-2/0-2/0	19	--	1.195	1443	145	175	195	200
06-0209	3/0-3/0-3/0	19	--	1.303	1790	165	200	225	225
06-0211	4/0-4/0-4/0	19	--	1.424	2225	195	230	260	250
FOUR CONDUCTOR									
06-0213	8-8-8-8	7	7	.644	291	40	50	55	--
06-0215	6-6-6-6	7	7	.733	429	55	65	75	--
06-0217	4-4-4-6	7	7	.845	587	70	85	95	100
06-0219	3-3-3-5	7	7	.912	722	85	100	110	110
06-0221	2-2-2-4	7	7	.986	891	95	115	130	125
06-0223	1-1-1-3	19	7	1.126	1117	110	130	150	150
06-0225	1/0-1/0-1/0-2	19	7	1.220	1382	125	150	170	175
06-0227	2/0-2/0-2/0-1	19	19	1.326	1713	145	175	195	200
06-0229	3/0-3/0-3/0-1/0	19	19	1.447	2129	165	200	225	225
06-0231	4/0-4/0-4/0-2/0	19	19	1.582	2650	195	230	260	250

¹ 1999 Edition.

+ Allowable Ampacities:

Allowable ampacities shown are for general use as specified by the National Electrical Code, 1999 Edition, section 310-15.

60°C - When terminated to equipment for circuits rated 100 amperes or less or marked for #14 through #1 conductors.

75°C - When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than #1.

90°C - Wet or dry locations.

Dwelling - For dwelling units, conductors shall be permitted at listed ampacities to be utilized as 120/240-volt, 3-wire, single-phase service conductors that supply the total load.

- > Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.

RECOMMENDED SAMPLE SPECIFICATIONS:

Cable shall be UL-listed Type SE, Style SER, suitable for operation at 600 volts. Conductors shall be annealed copper, weather resistant PVC jacketed.



PITTSBURGH WIRE & CABLE INC.

www.pittsburghwire.com

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