

ALUMINUM BUILDING WIRE

SPECIFICATION

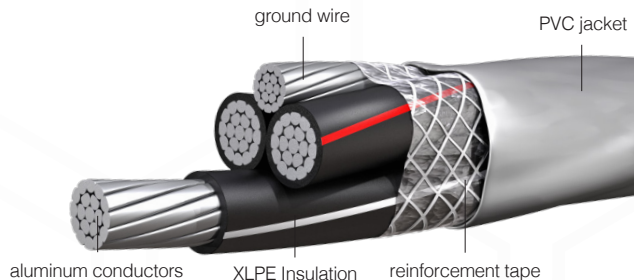
HW022A

SERVICE ENTRANCE CABLE

TYPE SE, STYLE R (SER)

Aluminum, XLPE Insulated 600V

90°C Wet or Dry



SER TWO CONDUCTOR WITH BARE GROUND						
HWC Part Number	Cond. Size (AWG)	Nominal Diameter (inches)	Net Weight (lbs/Mft.)	Ampacity*		
				60°C	75°C	90°C
HW022A00888	8-8-8	.53	97	35	40	45
HW022A00666	6-6-6	.60	133	40	50	55
HW022A00446	4-4-6	.69	173	55	65	75
HW022A00444	4-4-4	.69	188	55	65	75
HW022A00224	2-2-4	.80	248	75	90	100
HW022A00222	2-2-2	.80	272	75	90	100
HW022A00111	1-1-1	.90	340	85	100	115
HW022A10122	1/0-1/0-2	.97	381	100	120	135
HW022A10103	1/0-1/0-1/0	.98	419	100	120	135
HW022A20201	2/0-2/0-1	1.05	462	115	135	150
HW022A20103	2/0-2/0-2/0	1.06	510	115	135	150
HW022A40220	4/0-4/0-2/0	1.25	690	150	180	205
HW022A40103	4/0-4/0-4/0	1.27	766	150	180	205
SER THREE CONDUCTOR WITH BARE GROUND						
HWC Part Number	Cond. Size (AWG)	Nominal Diameter (inches)	Net Weight (lbs/Mft.)	Ampacity*		
				60°C	75°C	90°C
HW022A08888	8-8-8-8	.59	128	35	40	45
HW022A06666	6-6-6-6	.69	177	40	50	55
HW022A04446	4-4-4-6	.76	234	55	65	75
HW022A02224	2-2-2-4	.90	336	75	90	100
HW022A01113	1-1-1-3	1.01	422	85	100	115
HW022A10132	1/0-1/0-1/0-2	1.10	521	100	120	135
HW022A20131	2/0-2/0-2/0-1	1.20	633	115	135	150
HW022A30310	3/0-3/0-3/0-1/0	1.32	774	130	155	175
HW022A40320	4/0-4/0-4/0-2/0	1.45	948	150	180	205
HW022A25330	250-250-250-3/0	1.61	1133	170	205	230
HW022A30340	300-300-300-4/0	1.75	1342	195	230	260
SER FOUR CONDUCTOR WITH BARE GROUND						
HWC Part Number	Cond. Size (AWG)	Nominal Diameter (inches)	Net Weight (lbs/Mft.)	Ampacity*		
				60°C	75°C	90°C
HW022A22224	2-2-2-2-4	1.01	425	75	90	100
HW022A20141	2/0-2/0-2/0-2/0-1	1.35	807	115	135	150
HW022A40420	4/0-4/0-4/0-4/0-2/0	1.63	1204	150	180	205
HW022A25430	250-250-250-250-3/0	1.80	1438	170	205	230
HW022A30440	300-300-300-300-4/0	1.95	1701	195	230	260

*Allowable Ampacities

60°C – When terminated to equipment for circuits rated 100 amperes or less or marked for conductor sizes 14 through 1 AWG.

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

90°C – Wet or dry locations. For ampacity derating purposes.

60°C, 75°C and 90°C ampacities shown are for general use as specified by the NEC, 2014 Edition, Table 310.15(B)(16).



1-800-HOUWIRE

www.HOUWIRE.com

All data subject to change without notice.

ALUMINUM BUILDING WIRE

SPECIFICATION

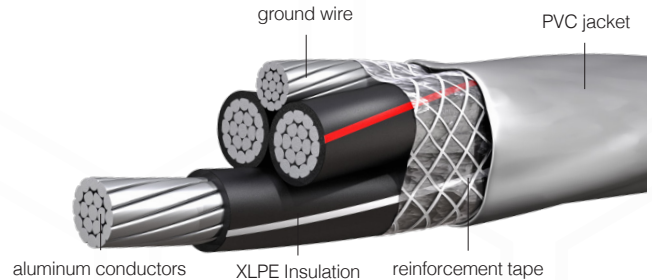
HW022A

SERVICE ENTRANCE CABLE

TYPE SE, STYLE R (SER)

Aluminum, XLPE Insulated 600V

90°C Wet or Dry



APPLICATIONS:

Type SE, Style R (SER) is used to convey power from the service drop to the meter base and from the meter base to the distribution panelboard. It may be used in other branch circuits, feeders, or any application where Type SE cable is permitted by the NEC. SE cable is rated for 600V not to exceed 90C in wet or dry locations. Single conductors are UL Listed Type XHHW-2. The cable is rated Sunlight Resistant.

CONSTRUCTION:

Type SE, Style R (SER): Two, three or four insulated conductors with a bare AA-8000 aluminum alloy ground and a reinforcement tape.

CONDUCTOR:

Stranded aluminum alloy (AA-8000) compacted conductor Class B stranding per ASTM B800 & B801

CONDUCTOR IDENTIFICATION:

2/C – Black, Triple Red Stripe

3/C – Black, Triple Red Stripe, Triple White Stripe

4/C – Black, Triple Red Stripe, Triple Blue Stripe, Triple White Stripe

GROUNDING CONDUCTOR:

Bare compact stranded AA-8000 series aluminum

INSULATION:

Black thermoset flame retardant cross-linked polyethylene (XLPE)

JACKET:

Sunlight resistant grey polyvinyl chloride (PVC)

ADDITIONAL STANDARDS:

- UL 854: Service-Entrance Cables
- UL 44: Thermoset-Insulated Wires and Cables



1-800-HOUWIRE
www.HOUWIRE.com
All data subject to change without notice.