



APPLICATIONS

ALUMINUM SER FOR USE IN SERVICE ENTRANCE CABLE UP TO 600V RATED TO CONVEY POWER FROM THE SERVICE DROP TO THE METER AND FROM THE METER TO THE DISTRIBUTION PANEL BOARD PER NEC AT 90°C IN DRY AND WET LOCATIONS

CONSTRUCTION

AA-8000 SERIES STRANDED ALUMINUM ALLOY COMPACT CLASS B PER ASTM B801
MOISTURE AND HEAT RESISTANT CROSS-LINKED POLYETHYLENE (XLPE) INSULATION
SUNLIGHT RESISTANT GREY POLYVINYL CHLORIDE (PVC) JACKET

STANDARDS

UL 44 THERMOSET-INSULATED WIRE AND CABLES, UL 854 SERVICE ENTRANCE CABLES
SINGLE CONDUCTORS ARE UL LISTED TYPE XHHW/XHHW-2
FEDERAL SPECIFICATION A-A-59544 (FORMER JC-30B NEC)
UL APPROVED

CONDUCTOR IDENTIFICATION

2C: BLACK, TRIPLE RED STRIPE
3C: BLACK, TRIPLE RED STRIPE, TRIPLE WHITE STRIPE
4C: BLACK, TRIPLE RED STRIPE, TRIPLE WHITE STRIPE, TRIPLE BLUE STRIPE

PRINT LEGEND

“E487061 (UL) (SIZE) AL AA-8000 TYPE SE STYLE R XHHW-2 XLPE 600V SUN RES. (YEAR)”



**SERVICE ENTRANCE CABLE, TYPE SE, STYLE R (SER)
ALUMINUM, 600V XLPE, 90°C DRY AND WET**



PART NO.	CONDUCTOR SIZE (AWG or KCMIL)	NOMINAL OD (INCHES)	NET WEIGHT (LBS/MFT)	AMPACITY		
				60°C	75°C	90°C
TWO CONDUCTOR SER						
SER-8-02GSERAL	8-8-8	0.53	97	35	40	45
SER-6-02GSERAL	6-6-6	0.60	133	40	50	55
SER-4-02GSERALR	4-4-6	0.69	173	55	65	75
SER-4-02GSERALF	4-4-4	0.69	188	55	65	75
SER-2-02GSERALR	2-2-4	0.80	248	75	90	100
SER-2-02GSERALF	2-2-2	0.80	272	75	90	100
SER-1-02GSERAL	1-1-1	0.90	340	85	100	115
SER-1/0-02GSERALR	1/0-1/0-2	0.97	381	100	120	135
SER-1/0-02GSERALF	1/0-1/0-1/0	0.98	419	100	120	135
SER-2/0-02GSERALR	2/0-2/0-1	1.05	462	115	135	150
SER-2/0-02GSERALF	2/0-2/0-2/0	1.06	510	115	135	150
SER-3/0-02GSERALR	4/0-4/0-2/0	1.25	690	150	180	205
SER-4/0-02GSERALF	4/0-4/0-4/0	1.27	766	150	180	205
THREE CONDUCTOR SER						
SER-8-03GSERAL	8-8-8-8	0.59	128	35	40	45
SER-6-03GSERAL	6-6-6-6	0.69	177	40	50	55
SER-4-03GSERAL	4-4-4-6	0.76	234	55	65	75
SER-2-03GSERAL	2-2-2-4	0.90	336	75	90	100
SER-1-03GSERAL	1-1-1-3	1.01	422	85	100	115
SER-1/0-03GSERAL	1/0-1/0-1/0-2	1.10	521	100	120	135
SER-2/0-03GSERAL	2/0-2/0-2/0-1	1.20	633	115	135	150
SER-3/0-03GSERAL	3/0-3/0-3/0-1/0	1.32	774	130	155	175
SER-4/0-03GSERAL	4/0-4/0-4/0-2/0	1.45	948	150	180	205
SER-250-03GSERAL	250-250-250-3/0	1.61	1133	170	205	230
SER-300-03GSERAL	300-300-300-4/0	1.75	1342	195	230	260
FOUR CONDUCTOR SER						
SER-2-04GSERAL	2-2-2-2-4	1.01	425	75	90	100
SER-2/0-04GSERAL	2/0-2/0-2/0-2/0-1	1.35	807	115	135	150
SER-4/0-04GSERAL	4/0-4/0-4/0-4/0-2/0	1.63	1204	150	180	205
SER-250-04GSERAL	250-250-250-250-3/0	1.80	1438	170	205	230
SER-300-04GSERAL	300-300-300-300-4/0	1.95	1701	195	230	260

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
60°C, 75°C AND 90°C: AMPACITY FOR GENERAL USE AS SPECIFIED BY NEC SECTION 310.15.