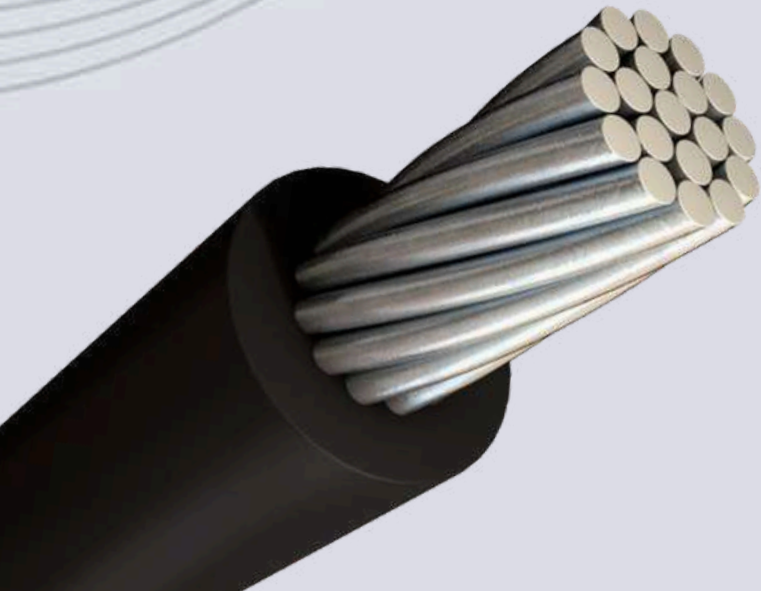




OSWAL
CABLES



**Aluminum RHH/RHW-
2/USE-2
600V 90°C XLP
Insulation**

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Aluminum RHH/ RHW-2/ USE-2 600V 90°C XLP Insulation

APPLICATION

USE-2 cables are primarily used for power distribution and may be installed in raceway, conduit, direct burial, and aerial installations. The cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for USE-2 cable is 600V. Sizes 1/0 and larger rated for use in cable tray.

CONDUCTORS

Compact bare 8000 series aluminum, with Class B stranding per ASTM

STANDARDS

- UL 44
- UL 854
- NEMA WC 70/ICEA S-95-658
- Requirements of the National Electrical Code
- ASTM B800, B801, B836
- Sunlight resistant
- Oil Resistant PRI/PRII
- Gas and Oil Res GRI/GRII
- RUS ACCEPTED

INSULATION

Abrasion, heat and moisture resistant cross-linked polyethylene insulation (XLP)

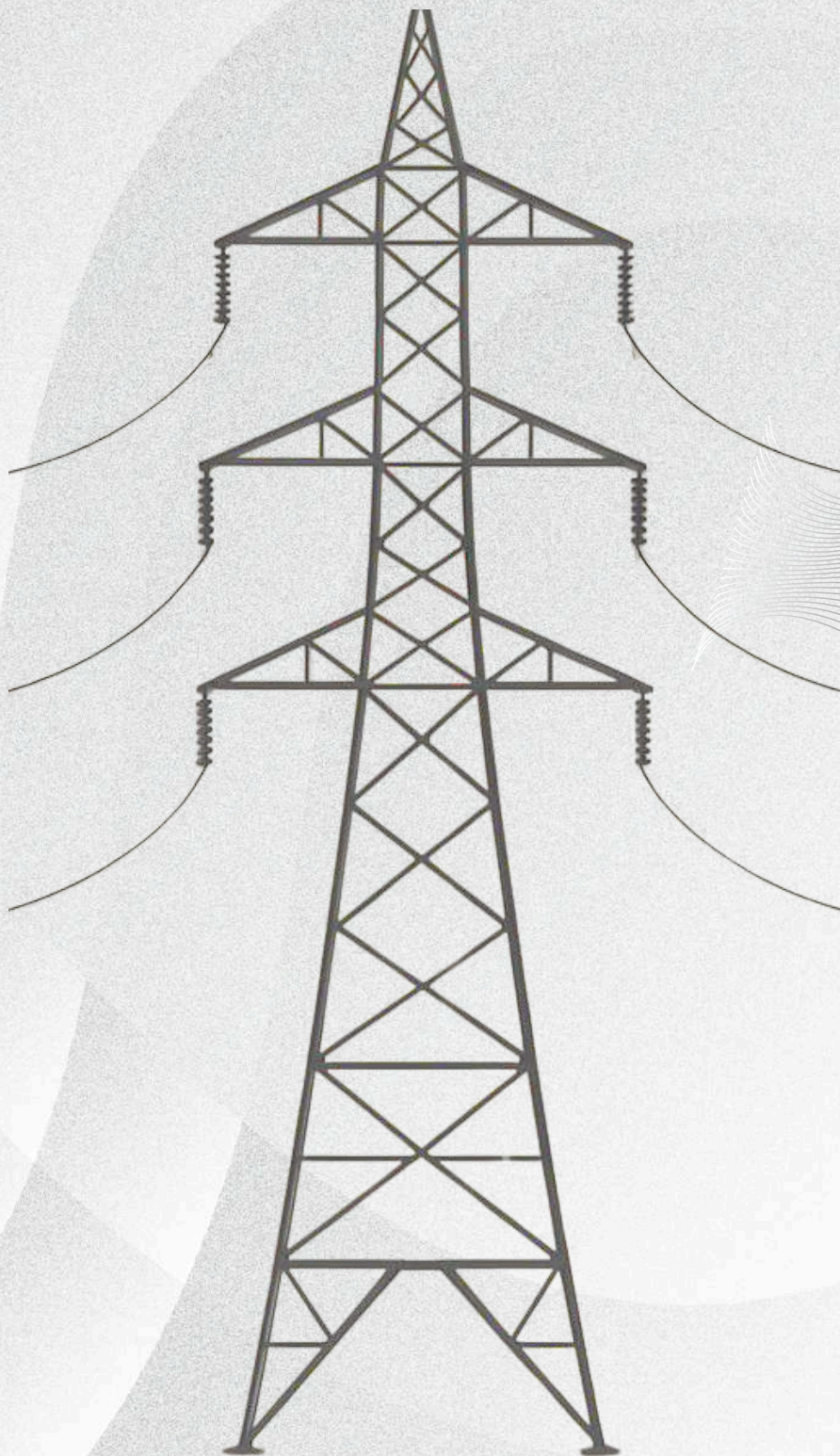


Part Number	Conductor Size	Conductor Diameter		Insulation Thickness		Overall Diameter		Net Weight	Ampacity * at 90°C
	AWG/ kcmil	inches	mm	inches	mm	inches	mm	lbs/kft	amps
8-01XL-USE-2-ALUM	8	0.134	3.4	0.06	1.52	0.257	6.53	36	45
6-01XL-USE-2-ALUM	6	0.169	4.29	0.06	1.52	0.292	7.42	49	55
4-01XL-USE-2-ALUM	4	0.213	5.41	0.06	1.52	0.336	8.53	65	75
3-01XL-USE-2-ALUM	3	0.24	6.1	0.06	1.52	0.368	9.35	78	85
2-01XL-USE-2-ALUM	2	0.268	6.81	0.06	1.52	0.391	9.93	94	100
1-01XL-USE-2-ALUM	1	0.299	7.59	0.08	2.03	0.462	11.73	126	115
1/0-01XL-USE-2-ALUM	1/0	0.335	8.51	0.08	2.03	0.499	12.67	151	135
2/0-01XL-USE-2-ALUM	2/0	0.378	9.6	0.08	2.03	0.539	13.69	182	150
3/0-01XL-USE-2-ALUM	3/0	0.423	10.74	0.08	2.03	0.586	14.88	221	175
4/0-01XL-USE-2-ALUM	4/0	0.476	12.09	0.08	2.03	0.638	16.21	269	205

Part Number	Conductor Size	Conductor Diameter		Insulation Thickness		Overall Diameter		Net Weight	Ampacity * at 90°C
	AWG/ kcmil	inches	mm	inches	mm	inches	mm	lbs/kft	amps
250-01XL-USE-2-ALUM	250	0.52	13.21	0.095	2.41	0.713	18.11	326	230
300-01XL-USE-2-ALUM	300	0.571	14.5	0.095	2.41	0.763	19.38	381	260
350-01XL-USE-2-ALUM	350	0.614	15.6	0.095	2.41	0.809	20.55	435	280
400-01XL-USE-2-ALUM	400	0.657	16.69	0.095	2.41	0.852	21.64	489	305
500-01XL-USE-2-ALUM	500	0.736	18.69	0.095	2.41	0.929	23.6	595	350
750-01XL-USE-2-ALUM	750	0.909	23.09	0.11	2.79	1.131	28.73	881	435
1000-01XL-USE-2-ALUM	1000	1.059	26.9	0.11	2.79	1.283	32.59	1145	500

All values are nominal and subject to correction.

**Ampacities shown are for general use as specified by the National Electrical Code 2023 Edition section 310.16*



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