



OSWAL
CABLES



Copper RHH / RHW-2 / USE-2
600V 90°C
XLPE Insulation

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Copper RHH / RHW-2 / USE-2 600V 90°C XLPE Insulation

APPLICATION

USE-2 cables are 600V power distribution lines rated for wet or dry locations up to 90°C. They support versatile installation in raceways, conduits, aerial setups, or via direct burial. Additionally, sizes 1/0 and larger are certified for cable tray use.

CONDUCTORS

Soft drawn bare copper with Class B stranding per ASTM

STANDARDS

- UL 44, UL 854
- Federal Specification A-A-59544
- ICEA S-95-658/NEMA WC-70
- ASTM standards B3, B8, B787
- Rated 90°C Wet/Dry, Cold Temperature Rated at -40°C
- Flame Rated: CT Use (1/0 AWG and larger)
- Sunlight Resistant, Gasoline and Oil Resistant II

INSULATION

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



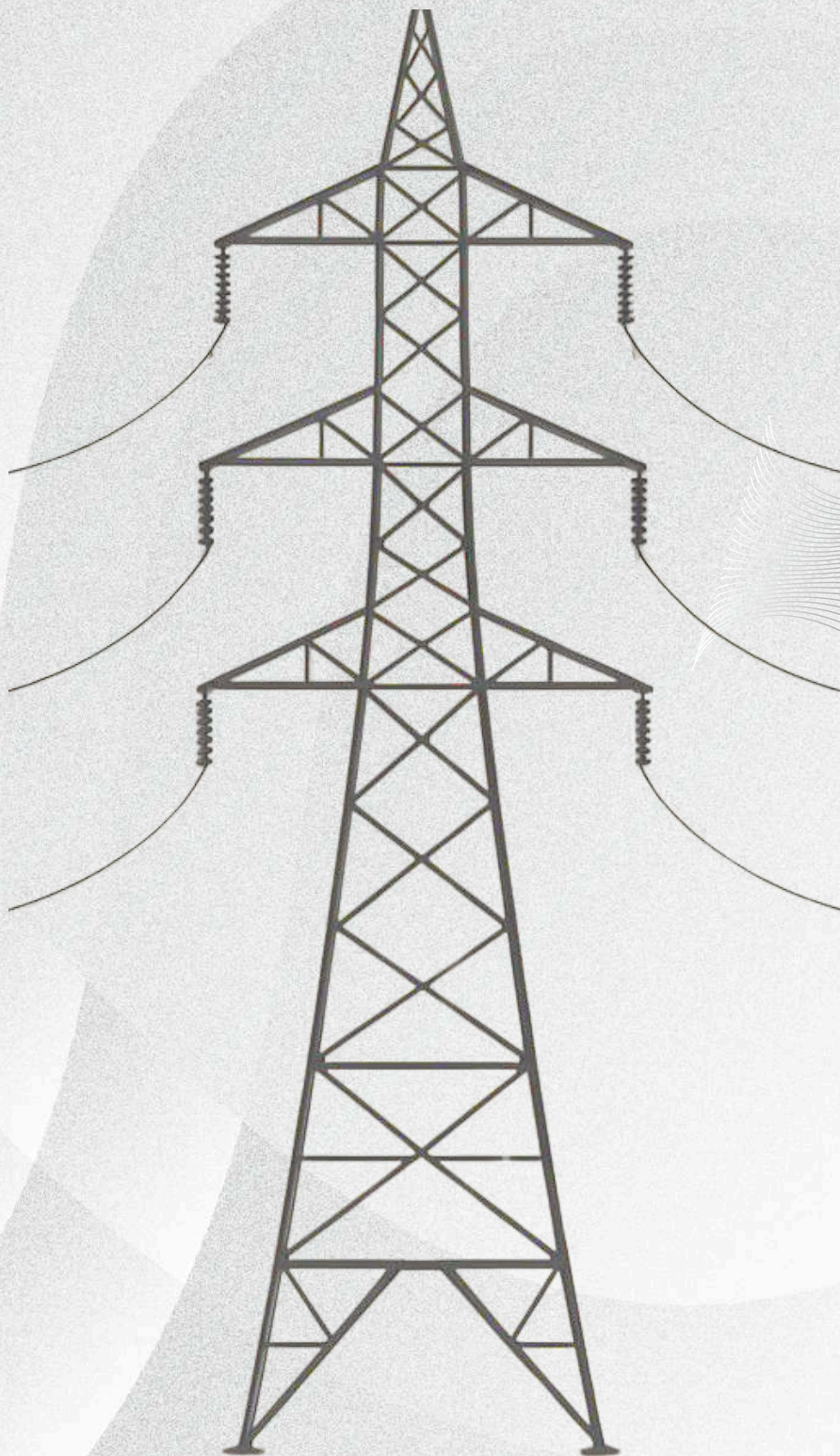
Part Number	Size	No.of Strands	Insulation Thickness		Overall Diameter		Net Weight	Ampacity**
	AWG/kcmil		inches	mm	inches	mm	lbs/kft	amps
14-01XLPUSESTR	14	7	0.045	1.14	0.163	4.14	21	25*
12-01XLPUSESTR	12	7	0.045	1.14	0.182	4.62	30	30*
10-01XLPUSESTR	10	7	0.045	1.14	0.205	5.21	43	40*
8-01XLPUSESTR	8	7	0.06	1.52	0.263	6.68	69	55
6-01XLPUSESTR	6	7	0.06	1.52	0.301	7.65	103	75
4-01XLPUSESTR	4	7	0.06	1.52	0.35	8.89	156	95
2-01XLPUSESTR	2	7	0.06	1.52	0.404	10.26	238	130
1-01XLPUSESTR	1	19	0.08	2.03	0.476	12.09	307	145
1/0-01XLPUSESTR	1/0	19	0.08	2.03	0.517	13.13	384	170

Part Number	Size	No.of Strands	Insulation Thickness		Overall Diameter		Net Weight	Ampacity**
	AWG/kcmil		inches	mm	inches	mm	lbs/kft	amps
2/0-01XLPUSESTR	2/0	19	0.08	2.03	0.562	14.27	476	195
3/0-01XLPUSESTR	3/0	19	0.08	2.03	0.61	15.49	590	225
4/0-01XLPUSESTR	4/0	19	0.08	2.03	0.669	16.99	735	260
250-01XLPUSESTR	250	37	0.095	2.41	0.762	19.35	868	290
350-01XLPUSESTR	350	37	0.095	2.41	0.866	22	1192	350
500-01XLPUSESTR	500	37	0.095	2.41	0.986	25.04	1673	430
600-01XLPUSESTR	600	61	0.11	2.79	1.111	28.22	2033	475
750-01XLPUSESTR	750	61	0.11	2.79	1.205	30.61	2493	520
1000-01XLPUSESTR	1000	61	0.11	2.79	1.37	34.8	3292	615

All values are nominal and subject to correction.

**The overcurrent protection shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote.*

***90°C Wet/Dry per NEC Table 310.16 for not more than three current carrying conductors in raceway based on 30°C ambient temperature*



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