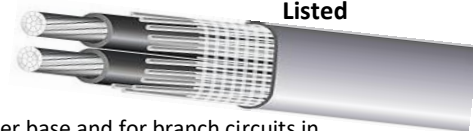




**UL 854 - SEU (TYPE SE, STYLE U), 600 V
SERVICE-ENTRANCE CABLES – ALUMINUM
File Number E544332**



APPLICATION

Dynamic cables' SEU is primarily used for overhead service entrance from the utility pole to the meter base and for branch circuits in residential or commercial applications. Its flat profile allows easy installation along building surfaces. Rated 600 volts and suitable for wet or dry locations at temperatures up to 90°C.

ASSEMBLY

Phase Conductors with a concentric neutral conductor wrapped in a Glass – reinforced tape , overall PVC Jacket

Conductor

Aluminum - Aluminum AA-8000 series alloy compacted conductor, Class B stranding as per ASTM B800.

Insulation

Low Coefficient of friction, Abrasion, Moisture, & Heat Resistant
Thermoset cross-linked polyethylene (XLPE) Type XHHW-2./RHW-2/USE-2.

Jacket

Sunlight resistance Grey Polyvinyl Chloride (PVC)

FEATURES

- Sunlight Resistance
- Flame Test Rated
- CT Rated for 1/0 AWG and larger

STANDARD & REFERENCES

- UL 44, UL 854, UL 2556
- ASTM B800, B801, ASTM B 836
- National Electrical Code(NEC)
- ICEA S-95-658

Footage Marking & Printing Legend*

Conductor Size (AWG/kcmil)	Insulated Conductor			Bare Conductor Size (AWG/kcmil)	Insulation Thickness Nominal (mils)	Jacket Thickness Nominal (mils)	Overall Size (Inches)	Net Weight (lbs./1000ft.)	Max DC Resistance @ 20°C (Ω/1000ft.)	Ampacity * at 90°C
	No. of Conductor	No of Strands	Size Inches							
8-8-8	2 x 8	7	0.128	8	45	30	0.40 x 0.59	108	1.070	45
6-6-8	2 x 6	7	0.162	8	45	30	0.42 x 0.66	135	0.674	55
6-6-6	2 x 6	7	0.162	6	45	30	0.43 x 0.68	145	0.674	55
4-4-6	2 x 4	7	0.205	6	45	30	0.48 x 0.79	190	0.424	75
4-4-4	2 x 4	7	0.205	4	45	30	0.50 x 0.80	205	0.424	75
2-2-4	2 x 2	7	0.257	4	45	30	0.57 x 0.92	265	0.267	100
2-2-2	2 x 2	7	0.257	2	55	30	0.59 x 0.95	290	0.267	100
1-1-1	2 x 1	19	0.289	1	55	30	0.65 x 1.07	370	0.211	115
1/0-1/0-2	2 x 1/0	19	0.325	2	55	30	0.66 x 1.10	400	0.168	135
1/0-1/0-1/0	2 x 1/0	19	0.325	1/0	55	30	0.69 x 1.14	439	0.168	135
2/0-2/0-1	2 x 2/0	19	0.365	1	55	30	0.72 x 1.20	480	0.133	150
2/0-2/0-2/0	2 x 2/0	19	0.365	2/0	55	30	0.74 x 1.22	520	0.133	150
4/0-4/0-2/0	2 x 4/0	19	0.46	2/0	55	30	0.88 x 1.47	700	0.0836	205
4/0-4/0-4/0	2 x 4/0	19	0.46	4/0	55	30	0.89 x 1.48	770	0.0836	205

Notes : All values are nominal and subject to correction based on actual design.

COLORS - Black, Black/Red stripe. Other color combinations upon request.

REEL - Available in 500, 1000, 2500, 5000 ft. reels.

*Ampacity of Conductor are based on NEC (NFPA 70).

****Printing Legend** – DYNAMIC CABLES SE Style U SIZE 90°C WET/DRY AWG/KCMIL COMPACT ALUMINUM AA-8000 600 V SUN RES MONTH/YEAR.

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