



# POWER KABEL INC.

## 15KV AAC ALUMINUM TREE WIRE - 2 LAYER

### APPLICATIONS & FEATURES

Used for primary and secondary overhead distribution where limited space is available or desirable for rights of way. Installed as an uninsulated conductor; however, covering is effective in preventing direct shorts and instantaneous flashovers should tree limbs or other objects contact conductors in such close proximity. The resulting close-proximity configuration minimizes the amount of space and hardware required for line installation; particularly useful in congested areas such as alleyways or tight corridors.

### INDUSTRY COMPLIANCES

15kv – 35kv covered multi-layer tree wire meets or exceeds all applicable ICEA specifications and the following ASTM specifications:  
ASTM B230 ASTM B231 ASTM B232 ASTM B398 ASTM B399 ASTM B400

### CONSTRUCTION

Conductors are concentrically stranded, AAC (1350-H19), either compressed or full compact depending on conductor size, AAAC or ACSR. Available with high-density track-resistant polyethylene (HDRPE) or Track-Resistant Crosslinked Polyethylene (XLPE) covering.

AWG	STRANDING	CONDUCTOR DIAMETER (MILS)	COVERING THICKNESS (MILS)		CABLE OD (MILS)	RATED STRENGTH (LBS)	POUNDS PER 1000 FT
			INNER LAYER	OUTER LAYER			
1/0	7	336	75	75	636	1791	196
2/0	7	376	75	75	676	2259	230
3/0	7	423	75	75	723	2736	272
4/0	7	475	75	75	775	3447	325
266.8	19	537	75	75	837	4473	387
336.4	19	603	75	75	903	5535	466
397.5	19	659	75	75	959	6399	535
477	19	722	75	75	1022	7524	623
556.5	37	780	75	75	1080	8946	708
636	37	835	75	75	1135	10260	794