



# POWER KABEL INC.

## 15kV AAC ALUMINUM TREE WIRE - 3 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 (HDTPE) or Track-Resistant Crosslinked Polyethylene (XLPE) covering. Strand shield option available on 3 layer.

AWG	STRANDING	CONDUCTOR DIAMETER (MILS)	COVERING THICKNESS (MILS)			CABLE OD (MILS)	RATED STRENGTH (LBS)	POUNDS PER 1000 FT
			CONDUCTOR SHIELD	INNER LAYER	OUTER LAYER			
1/0	7	336	15	75	75	666	1791	210
2/0	7	376	15	75	75	706	2259	246
3/0	7	423	15	75	75	753	2736	289
4/0	7	475	15	75	75	805	3447	343
266.8	19	537	15	75	75	867	4473	407
336.4	19	603	15	75	75	933	5535	487
397.5	19	659	15	75	75	989	6399	558
477	19	722	15	75	75	1052	7524	648
556.5	37	780	20	75	75	1120	8946	742
636	37	835	20	80	80	1195	10260	846
795	37	932	20	80	80	1292	12510	1020