



# 15kV Spacer Cable Tree Wire

## Product Description

All aluminum or ACSR conductors covered with XLP, HMW, low-density or high-density polyethylene.

## Application

Used for primary or secondary distribution where space is limited and right of ways are crowded. This is an uninsulated conductor; covering is intended to prevent shorts or flashovers with other objects.

## Product Data

### All-Aluminum Conductors

Size (AWG or kcmil)	Stranding	Cover Thickness (mils.)	Cable O.D. (mils.)	Rated Strength (lbs.)	Weight per 1000 ft. (lbs.)			Allowable Ampacity+
					XLP	HMW Poly	HD Poly	
4	7	150	525	793	123.9	110.5	112.8	135
2	7	150	583	1,215	161.0	144.7	147.3	175
1	19	150	622	1,566	184.2	168.3	171.2	205
1/0	19	150	662	1,944	214.4	196.5	199.6	235
2/0	19	150	706	2,403	250.5	230.7	234.1	270
3/0	19	150	756	2,979	295.1	272.8	276.5	310
4/0	19	150	812	3,618	349.8	324.5	328.6	355
250	37	150	858	4,419	392.3	369.4	373.7	
266.8	19	150	874	4,473	416.4	388.2	392.7	410
300	37	150	911	5,301	451.4	426.4	431.0	440
336.4	37	150	947	5,790	493.5	467.4	472.3	475
350	37	150	961	6,084	510.1	482.9	487.8	485
400	37	150	1006	6,696	567.1	538.3	543.6	
450	37	150	1049	7,380	624.1	593.4	598.9	
477	37	150	1071	7,821	654.7	623.0	628.6	585
500	37	150	1090	8,199	680.4	648.0	653.8	605

### ACSR Conductors

Size (AWG or kcmil)	Stranding	Cover Thickness (mils.)	Cable O.D. (mils.)	Rated Strength (lbs.)	Weight per 1000 ft. (lbs.)			Allowable Ampacity+
					XLP	HMW Poly	HD Poly	
4	6/1	150	550	1,767	149.2	137.2	139.8	135
2	6/1	150	616	2,708	200.2	186.0	189.0	175
1	6/1	150	655	3,373	234.6	218.9	222.3	200
1/0	6/1	150	698	4,161	276.0	258.9	262.6	230
2/0	6/1	150	747	5,035	327.6	308.7	312.7	260
3/0	6/1	150	802	6,289	391.0	370.0	374.5	295
4/0	6/1	150	863	7,933	468.9	445.6	450.6	330
266.8	18/1	150	909	6,536	472.5	448.7	453.8	415
266.8	26/7	150	942	10,735	552.2	528.0	533.1	425
336.4	18/1	150	984	8,246	568.2	541.6	547.3	480
336.4	26/7	150	1020	13,395	668.0	641.2	646.9	490
397.5	18/1	150	1043	9,443	651.6	622.9	629.0	535
397.5	26/7	150	1083	15,485	768.6	739.6	745.9	545
477	18/1	150	1114	11,210	758.0	726.6	733.3	595
477	26/7	150	1158	18,525	898.7	867.1	873.9	610

+Conductor temperature 70°C; ambient temperature of 20°C; emissivity 0.9; 2 ft./sec. wind and sun.

\*Manufactured with pride in DeKalb, IL USA.

## Specification Data

ASTM B-230	Aluminum, 1350-H19 wire for electrical purposes
ASTM B-231	Concentric-lay-stranded aluminum 1350 conductors
ASTM B-232	Concentric-lay-stranded, aluminum conductors, coated-steel reinforced (ACSR)
ASTM B-498	Zinc-coated (galvanized) steel core wire for aluminum conductors, steel reinforced (ACSR)

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