

Triplex Service Drop Aluminum Conductor

Code Word	Phase Conductors			Bare Neutral Messenger			Completed Cable			Ampacity**	
	Size	Strand	Insulation Thickness	Size	Strand*	Breaking Strength	Diameter	Weight		XLP 90° C	Poly 75° C
								XLP	Poly		
	AWG/kcmil		inches	AWG/kcmil		lbs	inches	lbs/kft	lbs/kft	amps	amps
ACSR FULL SIZE NEUTRAL MESSENGER											
Paludina	6	Solid	0.045	6	6/1	1,190	0.53	114	113	85	70
Voluta	6	7/w	0.045	6	6/1	1,190	0.57	115	112	85	70
Whelk	4	Solid	0.045	4	6/1	1,860	0.62	163	161	115	90
Periwinkle	4	7/w	0.045	4	6/1	1,860	0.67	172	169	115	90
Conch	2	7/w	0.045	2	6/1	2,850	0.80	262	257	150	120
Neritina	1/0	7/w	0.060	1/0	6/1	4,380	1.02	420	414	205	160
Cenia	1/0	19/w	0.060	1/0	6/1	4,380	1.03	414	408	205	160
Runcina	2/0	7/w	0.060	2/0	6/1	5,310	1.11	519	512	235	185
Triton	2/0	19/w	0.060	2/0	6/1	5,310	1.12	511	505	235	185
Cherrystone	3/0	7/w	0.060	3/0	6/1	6,620	1.22	656	643	275	215
Mursia	3/0	19/w	0.060	3/0	6/1	6,620	1.23	633	626	275	215
Razor	4/0	7/w	0.060	4/0	6/1	8,350	1.34	814	799	315	245
Zuzara	4/0	19/w	0.060	4/0	6/1	8,350	1.35	785	777	315	245
Limpet	336.4	19/w	0.080	336.4	18/1	8,680	1.72	1,161	1,147	420	325
ACSR REDUCED SIZE NEUTRAL MESSENGER											
Scallop	4	Solid	0.045	6	6/1	1,190	0.62	142	139	115	90
Strombus	4	7/w	0.045	6	6/1	1,190	0.67	151	148	115	90
Cockle	2	7/w	0.045	4	6/1	1,860	0.80	228	224	150	120
Janthina	1/0	7/w	0.060	2	6/1	2,850	1.02	367	360	205	160
Ranella	1/0	19/w	0.060	2	6/1	2,850	1.03	361	356	205	160
Cavolinia	2/0	7/w	0.060	1	6/1	3,550	1.11	452	444	235	185
Clio	2/0	19/w	0.060	1	6/1	3,550	1.12	444	437	235	185
Sanddollar	3/0	7/w	0.060	1/0	6/1	4,380	1.22	570	557	275	215
Aega	3/0	19/w	0.060	1/0	6/1	4,380	1.23	565	552	275	215
Cuttlefish	4/0	7/w	0.060	2/0	6/1	5,310	1.33	706	691	315	245
Cerapus	4/0	19/w	0.060	2/0	6/1	5,310	1.35	678	670	315	245
Cowry	336.4	19/w	0.080	4/0	6/1	8,350	1.72	1,135	1,093	420	325

All values are nominal and subject to correction

*Designated sizes are ACSR 6/1, diameter, equivalent resistivity per ASTM B399 for 6201.

**Conductor temperature of 90°C for XLP, 75°C for Poly; ambient temperature of 40°C, emissivity 0.9; 2ft/sec. wind in sun.