



AAC, ACSR, and AAAC Service Drop Triplex

Product Description

Two stranded all aluminum conductors covered with HMW polyethylene or XLP twisted around a bare stranded aluminum conductor.

Application

Used in the overhead transmission of power from pole to building weatherhead.

Product Data

AAC Neutral-Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
Patella	6	7	45	6	7	563	103	103	70	85
Oyster	4	7	45	4	7	881	156	160	90	115
Clam	2	7	45	2	7	1350	232	238	120	150
Murex	1/0	7	60	1/0	7	1990	373	383	160	205
Purpura	1/0	19	60	1/0	7	1990	370	380	160	205
Nassa	2/0	7	60	2/0	7	2510	461	472	185	235
Trophon	2/0	19	60	2/0	7	2510	456	467	185	235
Melita	3/0	19	60	3/0	19	3310	562	562	215	275
Portunus	4/0	19	60	4/0	19	4020	696	696	245	315
Nannynose	336.4	19	80	336.4	19	6146	1118	1118	325	420

ACSR Neutral-Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
Paludina	6	1	45	6	6/1	1190	109	110	70	85
Voluta	6	7	45	6	6/1	1190	116	118	70	85
Scallop	4	1	45	6	6/1	1190	143	146	90	115
Whelk	4	1	45	4	6/1	1860	165	169	90	115
Strombus	4	7	45	6	6/1	1190	156	160	90	115
Periwinkle	4	7	45	4	6/1	1860	172	176	90	115
Cockle	2	7	45	4	6/1	1860	227	233	120	150
Conch	2	7	45	2	6/1	2850	261	267	120	150
Janthina	1/0	7	60	2	6/1	2853	365	376	160	205
Neritina	1/0	7	60	1/0	6/1	4380	419	430	160	205
Ranella	1/0	19	60	2	6/1	2853	362	372	160	205
Cenia	1/0	19	60	1/0	6/1	4380	416	428	160	205
Cavolinia	2/0	7	60	1	6/1	3550	451	462	185	235
Runcina	2/0	7	60	2/0	6/1	5310	519	530	185	235
Clio	2/0	19	60	1	6/1	3550	437	444	185	235
Triton	2/0	19	60	2/0	6/1	5310	514	526	185	235
Aega	3/0	19	60	1/0	6/1	4380	549	559	215	275
Mursia	3/0	19	60	3/0	6/1	6620	626	633	215	275
Cerapus	4/0	19	60	2/0	6/1	5310	670	678	245	315
Zuzara	4/0	19	60	4/0	6/1	8350	777	785	245	315
Limpet	336.4	19	80	336.4	18/1	8680	1147	1161	325	420

6201 Alloy Neutral-Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	ACSR Equivalent (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
Minex	6	1	45	6	7	1110	101	102	70	85
Hippa	6	7	45	6	7	1110	105	107	70	85
Artemia	4	1	45	6	7	1110	132	134	90	115
Prawn	4	1	45	4	7	1760	152	154	90	115
Crab	4	7	45	6	7	1110	141	144	90	115
Barnacle	4	7	45	4	7	1760	157	160	90	115
Solaster	2	7	45	4	7	1760	212	216	120	150
Shrimp	2	7	45	2	7	2800	238	243	120	150
Sandcrab	1/0	7	60	2	7	2800	341	348	160	205
Gammarus	1/0	7	60	1/0	7	4460	384	390	160	205
Echinus	1/0	19	60	2	7	2800	336	342	160	205
Leda	1/0	19	60	1/0	7	4460	378	384	160	205
Dungense	2/0	7	60	2/0	7	5390	474	481	185	235
Cyclops	2/0	19	60	2/0	7	5390	467	473	185	235
Fulgar	3/0	19	60	1/0	7	4460	518	525	215	275
Flustra	3/0	19	60	3/0	7	6790	588	596	215	275
Arca	4/0	19	60	2/0	7	5390	632	640	245	315
Lepas	4/0	19	60	4/0	7	8560	716	725	245	315

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

*Manufactured with pride in DeKalb, IL USA.

Specification Data

ASTM B-230	Aluminum 1350-H19 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 D-1248	Polyethylene plastics molding and extrusion materials
ANSI C-8.35	Specifications for weather-resistant polyethylene-covered wire and cable
ICEA S-61-10-2	
NEMA PUB NO. WC 5	Standards publication thermoplastic insulated wire and cable for the transmission and distribution of electrical energy

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