



APPLICATIONS

To supply power from the utility lines to the consumer's weatherhead. For service at 600 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for crosslinked insulation.

CONSTRUCTION

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or XLPE cross-linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

STANDARDS

ASTM B-230, B-231, B-232, and B-399
ICEA S-76-474

CODE NAME	PHASE CONDUCTOR			BARE NEUTRAL MESSENGER			WEIGHT (LBS/MFT)		RATING (AMPS)	
	SIZE (AWG)	STRAND	INSULATION THICKNESS (MLS)	SIZE (AWG)	STRAND	BREAKING STRENGTH (LBS)	XLP	POLY	XLP	POLY
6201 ALLOY NEUTRAL-MESSENGER										
Minex	6	Solid	45	6	7	1,110	106.6	102.9	85	70
Hippa	6	7	45	6	7	1,110	113.2	105.7	85	70
Prawn	4	Solid	45	4	7	1,760	158.4	154.1	115	90
Barnacles	4	7	45	4	7	1,760	168.3	158.2	115	90
Shrimp	2	7	45	2	7	2,800	253.7	239.7	150	120
Gammarus	1/0	7	60	1/0	7	4,460	411.7	386.0	205	160
Leda	1/0	19	60	1/0	7	4,460	402.7	386.0	205	160
Dungenese	2/0	7	60	2/0	7	5,390	506.8	476.3	235	185
Cyclops	2/0	19	60	2/0	7	5,390	495.3	476.3	235	185
Flustra	3/0	19	60	3/0	7	6,790	611.4	589.1	275	215
Lepas	4/0	19	60	4/0	7	8,560	757.1	730.5	315	245
6201 ALLOY REDUCED NEUTRAL-MESSENGER										
Artemia	4	Solid	45	6	7	1,110	141.4	137.1	115	90
Crab	4	7	45	6	7	1,110	151.3	141.2	115	90
Solaster	2	7	45	4	7	1,760	226.6	212.6	150	120
Sandcrab	1/0	7	60	2	7	2,800	368.8	343.1	205	160
Echinus	1/0	19	60	2	7	2,800	358.8	343.1	205	160
Crayfish	2/0	7	60	1	7	3,530	452.6	422.5	235	185
Sipho	2/0	19	60	1	7	3,530	441.0	422.5	235	185
Fulgar	3/0	19	60	1/0	7	4,460	543.4	521.1	275	215
Arca	4/0	19	60	2/0	7	5,390	671.2	644.6	315	245
AAC NEUTRAL-MESSENGER										
Haliotis	6	Solid	45	6	7	563	102.5	98.8	85	70
Patella	6	7/w	45	6	7	563	109.1	101.6	85	70
Fusus	4	Solid	45	4	7	881	151.9	147.6	115	90
Oyster	4	7/w	45	4	7	881	161.8	151.7	115	90
Clam	2	7/w	45	2	7	1,350	243.2	229.2	150	120
Murex	1/0	7/w	60	1/0	7	1,990	395.1	369.4	205	160
Purpura	1/0	19/w	60	1/0	7	1,990	386.1	369.4	205	160
Nassa	2/0	7/w	60	2/0	7	2,510	485.8	455.3	235	185
Melita	3/0	19/w	60	3/0	19	3,310	585.2	562.9	275	215
Portunus	4/0	19/w	60	4/0	19	4,020	723.9	697.3	315	245
Nannynose	336.4	19/w	80	336.4	19	6,146	1160.4	1118.0	420	325

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

TRIPLEX SERVICE DROP

CODE NAME	PHASE CONDUCTOR			BARE NEUTRAL MESSENGER			WEIGHT (LBS/MFT)		RATING (AMPS)	
	SIZE (AWG)	STRAND	INSULATION THICKNESS (MLS)	SIZE (AWG)	STRAND	BREAKING STRENGTH (LBS)	XLP	POLY	XLP	POLY
WITH FULL SIZE ACSR MESSENGER										
Paludina	6	Solid	45	6	6/1	1,190	114	113	85	70
Voluta	6	7/w	45	6	6/1	1,190	120	113	85	70
Whelk	4	Solid	45	4	6/1	1,860	169	165	115	90
Periwinkle	4	7/w	45	4	6/1	1,860	176	172	115	90
Conch	2	7/w	45	2	6/1	2,850	267	261	150	120
Neritina	1/0	7/w	60	1/0	6/1	4,380	530	419	205	160
Cenia	1/0	19/w	60	1/0	6/1	4,380	426	416	205	160
Runcina	2/0	7/w	60	2/0	6/1	5,310	530	519	235	185
Triton	2/0	19/w	60	2/0	6/1	5,310	526	514	235	185
Cherrystone	3/0	7/w	60	3/0	6/1	6,620	656	643	250	200
Mursia	3/0	19/w	60	3/0	6/1	6,620	650	638	250	200
Razor	4/0	7/w	60	4/0	6/1	8,350	814	799	315	245
Zuzara	4/0	19/w	60	4/0	6/1	8,350	805	792	315	245
Limpet	336.4	19/w	80	336.4	18/1	8,680	1209	1167	420	325
WITH ACSR REDUCED SIZE MESSENGER										
Scallop	4	Solid	45	6	6/1	1,190	148	144	115	90
Strombus	4	7/w	45	6	6/1	1,190	158	148	115	90
Cockle	2	7/w	45	4	6/1	1,860	233	227	150	120
Janthina	1/0	7/w	60	2	6/1	2,850	376	365	205	160
Ranella	1/0	19/w	60	2	6/1	2,850	372	362	205	160
Cavolinia	2/0	7/w	60	1	6/1	3,550	462	451	235	185
Clio	2/0	19/w	60	1	6/1	3,550	458	446	235	185
Sanddollar	3/0	7/w	60	1/0	6/1	4,380	570	557	275	215
Aega	3/0	19/w	60	1/0	6/1	4,380	565	552	275	215
Cuttlefish	4/0	7/w	60	2/0	6/1	5,310	706	691	315	245
Cerapus	4/0	19/w	60	2/0	6/1	5,310	699	684	315	245
Cowey	336.4	19/w	80	4/0	6/1	8,350	1135	1093	420	325

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