



# Service Drop Triplex, AAAC Messenger, 1350 Aluminum Conductors, 90°C Dry or Wet, Rated 600 V



## APPLICATIONS

Used for secondary distribution and overhead service entrance at 600 V or less, rated 90 °C dry or wet, sunlight resistant.

## CONSTRUCTION

**Phase Conductor:** Compact stranded All Aluminum Conductor (AAC) 1350.

**Insulation:** Sunlight resistant Cross-Linked Polyethylene (XLPE).

**Neutral or Messenger:** Concentric stranded bare All Aluminum Alloy Conductor (AAAC) 6201-T81.

**Assembly:** Twisted assembly of 2 insulated phase conductors around 1 bare neutral or messenger conductor.

## CONDUCTOR IDENTIFICATION

**Phase A:** Black and marked "PHASE A"

**Phase B:** Black and marked "PHASE B"

**VOLTAGE RATING:** 600 V

## RATINGS AND MARKINGS

Sunlight resistant and marked  
RoHS Compliant

## STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- ASTM B230 – Aluminum 1350–H19 Wire for Electrical Purposes
- ASTM B231 – Concentric-Lay-Stranded Aluminum 1350 Conductors
- ASTM B398 – Aluminum-Alloy 6201-T81 and 6201-T83 Wire for Electrical Purposes
- ASTM B399 – Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors
- ASTM B400 – Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors
- ICEA S-76-474 – Neutral Supported Power Cable Assemblies with Weather Resistant Extruded Insulation Rated 600 Volts

## TEMPERATURE RATING

Dry or Wet 90°C

## MINIMUM BENDING RADIUS

Not Under Tension: 19x outer diameter  
Under Tension (During Pull): 29x outer diameter

Code Word	Phase Conductor				6201 Neutral Conductor			Overall Diameter (in)	Weight		
	Size (AWG or kcmil)	Stranding	Insulation Thickness (in)	Diameter (in)	ACSR Equivalent Size (AWG or kcmil)	Actual Size (kcmil)	Stranding		Phase Al (lb/1000 ft)	Neutral Al (lb/1000 ft)	Net (lb/1000 ft)
Minex	6	Solid	0.045	0.252	6	30 580	7	0.543	49.4	28.5	105
Hippa	6	7	0.045	0.259	6	30 580	7	0.558	50.2	28.5	107
Artemia	4	Solid	0.045	0.294	6	30 580	7	0.633	78.3	28.5	140
Crab	4	Solid	0.045	0.294	6	30 580	7	0.633	78.3	28.5	140
Prawn	4	Solid	0.045	0.294	4	48 690	7	0.633	78.3	45.4	157
Barnacles	4	7	0.045	0.303	4	48 690	7	0.653	79.8	45.4	159
Solaster	2	7	0.045	0.358	4	48 690	7	0.771	126.9	45.4	214
Shrimp	2	7	0.045	0.358	2	77 470	7	0.771	126.9	72.2	241
Sandcrab	1/0	7	0.060	0.456	2	77 470	7	0.983	201.8	72.2	344
Echinus	1/0	19	0.060	0.456	2	77 470	7	0.983	201.8	72.2	344
Gammarus	1/0	7	0.060	0.456	1/0	123 300	7	0.983	201.8	114.9	387
Leda	1/0	19	0.060	0.456	1/0	123 000	7	0.983	201.8	114.9	387
Crayfish	2/0	7	0.060	0.496	1	97 630	7	1.069	254.6	91.0	423
Sipho	2/0	19	0.060	0.496	1	97 630	7	1.069	254.6	91.0	423
Dungenese	2/0	7	0.060	0.496	2/0	155 400	7	1.069	254.6	144.9	477
Cyclops	2/0	19	0.060	0.496	2/0	155 400	7	1.069	254.6	144.9	477
Fulgur	3/0	19	0.060	0.543	1/0	123 300	7	1.170	320.7	114.9	521
Flustra	3/0	19	0.060	0.543	3/0	195 700	7	1.170	320.7	182.5	589
Arca	4/0	19	0.060	0.595	2/0	155 400	7	1.282	404.7	144.9	644
Lepas	4/0	19	0.060	0.595	4/0	246 900	7	1.282	404.7	230.2	730