



# Service Drop Triplex, AAC 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 Conductor (AAC) 1350-H19.

**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

## TEMPERATURE RATING

Dry or Wet

90°C

## MINIMUM BENDING RADIUS

Not Under Tension:

19x outer diameter

Under Tension (During Pull):

29x outer diameter

## 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 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

Code Word	Phase Conductor				1350 Neutral Conductor		Overall Diameter (in)	Weights		
	Size (AWG or kcmil)	Stranding	Insulation Thickness (in)	Diameter (in)	Size (AWG or kcmil)	Stranding		Phase Al (lb/1000 ft)	Neutral Al (lb/1000 ft)	Net (lb/1000 ft)
Haiotis	6	Solid	0.045	0.252	6	7	0.543	49.4	24.6	102
Patella	6	7	0.045	0.259	6	7	0.558	50.2	24.6	103
Fusus	4	Solid	0.045	0.294	4	7	0.633	78.3	39.1	150
Oyster	4	7	0.045	0.303	4	7	0.653	79.8	39.1	153
Clam	2	7	0.045	0.358	2	7	0.771	126.9	62.2	231
Murex	1/0	7	0.060	0.456	1/0	7	0.983	201.8	98.9	371
Purpura	1/0	19	0.060	0.456	1/0	7	0.983	201.8	98.9	371
Nassa	2/0	7	0.060	0.496	2/0	7	1.069	254.6	124.8	457
Melita	3/0	19	0.060	0.543	3/0	19	1.170	320.7	157.2	563
Portunus	4/0	19	0.080	0.635	4/0	19	1.368	404.7	198.4	734
Nannynose	336 400	19	0.080	0.766	336 400	19	1.651	643.6	315.5	1121