



# Service Drop Quadruplex, ACSR 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 Aluminum Conductor Steel Reinforced (ACSR).

**Assembly:** Twisted assembly of 3 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"

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

**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 B232 – Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR)
- 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				ACSR Neutral Conductor		Overall Diameter (in)	Weight			
	Size (AWG or kcmil)	Stranding	Insulation Thickness (in)	Diameter (in)	Size (AWG or kcmil)	Stranding		Phase Metal (lb/1000 ft)	Neutral Al (lb/1000 ft)	Neutral St (lb/1000 ft)	Net (lb/1000 ft)
Morochouca	6	Solid	0.045	0.252	6	6/1	0.608	74.1	24.5	11.6	151
Chola	6	7	0.045	0.259	6	6/1	0.625	75.3	24.5	11.6	142
Morgan	4	Solid	0.045	0.294	4	6/1	0.710	117.5	38.9	18.4	206
Hackney	4	7	0.045	0.303	4	6/1	0.732	119.6	38.9	18.4	210
Palomino	2	7	0.045	0.358	2	6/1	0.864	190.3	61.9	29.3	315
Costena	1/0	19	0.060	0.456	1/0	6/1	1.101	302.6	98.5	46.6	506
Grullo	2/0	19	0.060	0.496	2/0	6/1	1.197	381.9	124.1	58.7	622
Suffolk	3/0	19	0.060	0.543	3/0	6/1	1.311	481.0	156.4	74.0	766
Appaloosa	4/0	19	0.060	0.595	4/0	6/1	1.436	607.1	197.4	93.4	946
Gelding	336 400	19	0.060	0.766	4/0	6/1	1.849	965.4	197.4	93.4	1406
Bronco	336 400	19	0.060	0.766	336 400	18/1	1.849	965.4	315.3	49.5	1523