



Service Drop Duplex, 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 1 insulated phase conductor around 1 bare neutral or messenger conductor.

CONDUCTOR IDENTIFICATION

Phase Conductor: Black

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 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

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				ACSR Neutral Conductor		Overall Diameter (in)	Weight			
	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)	Neutral St (lb/1000 ft)	Net (lb/1000 ft)
Setter	6	Solid	0.045	0.252	6	6/1	0.450	24.7	24.5	11.6	74.5
Shepherd	6	7	0.045	0.259	6	6/1	0.457	25.1	24.5	11.6	63.8
Eskimo	4	Solid	0.045	0.294	4	6/1	0.544	39.2	38.9	18.4	94.6
Terrier	4	7	0.045	0.303	4	6/1	0.553	39.9	38.9	18.4	95.9
Chow	2	Solid	0.045	0.358	2	6/1	0.674	63.4	61.9	29.3	146.1
Bull	1/0	19	0.060	0.456	1/0	6/1	0.854	100.9	98.5	46.6	234.4