



Service Drop Triplex, 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 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"

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

VOLTAGE RATING: 600 V

TEMPERATURE RATING

Dry or Wet	90°C
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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 Metal (lb/1000 ft)	Neutral Al (lb/1000 ft)	Neutral St (lb/1000 ft)	Net (lb/1000 ft)
Paludina	6	Solid	0.045	0.252	6	6/1	0.543	49.4	24.5	11.6	113
Voluta	6	7	0.045	0.259	6	6/1	0.558	50.2	24.5	11.6	103
Scallop	4	Solid	0.045	0.294	6	6/1	0.633	78.3	24.5	11.6	136
Strombus	4	7	0.045	0.303	6	6/1	0.653	79.8	24.5	11.6	139
Whelk	4	Solid	0.045	0.294	4	6/1	0.633	78.3	38.9	18.4	150
Periwinkle	4	7	0.045	0.303	4	6/1	0.653	79.8	38.9	18.4	153
Cockle	2	7	0.045	0.358	4	6/1	0.771	126.9	38.9	18.4	207
Conch	2	7	0.045	0.358	2	6/1	0.771	126.9	61.9	29.3	230
Janthina	1/0	7	0.060	0.456	2	6/1	0.983	201.8	61.9	29.3	334
Ranella	1/0	19	0.060	0.456	2	6/1	0.983	201.8	61.9	29.3	334
Neritina	1/0	7	0.060	0.456	1/0	6/1	0.983	201.8	98.5	46.6	370
Cenia	1/0	19	0.060	0.456	1/0	6/1	0.983	201.8	98.5	46.6	370
Cavolinia	2/0	7	0.060	0.496	1	6/1	1.069	254.6	78.1	37.0	410
Clio	2/0	19	0.060	0.496	1	6/1	1.069	254.6	78.1	37.0	410
Runcina	2/0	7	0.060	0.496	2/0	6/1	1.069	254.6	124.1	58.7	456
Triton	2/0	19	0.060	0.496	2/0	6/1	1.069	254.6	124.1	58.7	456
Sanddollar	3/0	7	0.060	0.543	1/0	6/1	1.170	320.7	98.5	46.6	505
Aega	3/0	19	0.060	0.543	1/0	6/1	1.170	320.7	98.5	46.6	505
Cherrystone	3/0	7	0.060	0.543	3/0	6/1	1.170	320.7	156.4	74.0	563
Mursia	3/0	19	0.060	0.543	3/0	6/1	1.170	320.7	156.4	74.0	563



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Cuttlefish	4/0	7	0.060	0.595	2/0	6/1	1.282	404.7	124.1	58.7	623
Cerapus	4/0	19	0.060	0.595	2/0	6/1	1.282	404.7	124.1	58.7	623
Razor	4/0	7	0.060	0.595	4/0	6/1	1.282	404.7	197.4	93.4	697
Zuzara	4/0	19	0.060	0.595	4/0	6/1	1.282	404.7	197.4	93.4	697
Cowry	336 400	19	0.080	0.766	4/0	6/1	1.651	643.6	197.4	93.4	1003
Limpet	336 400	19	0.080	0.766	336 400	18/1	1.651	643.6	315.3	49.5	1121