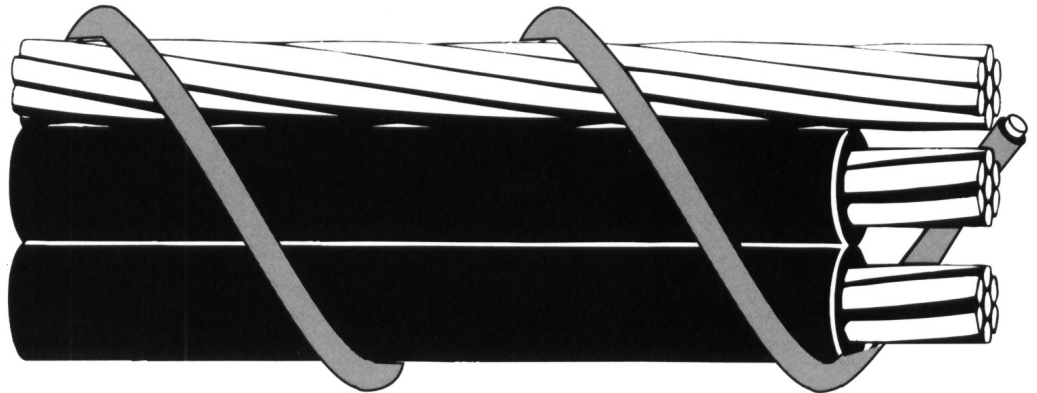


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**Parallel Aerial Cable. Aluminum Conductors.  
High Density Polyethylene or Crosslinked Polyethylene Insulation.**



## APPLICATIONS

Used as secondary overhead distribution cable at voltages of 600V or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for crosslinked polyethylene (XLP) insulated conductors.

## SPECIFICATIONS

Southwire's parallel aerial cable meets or exceeds the following ASTM specifications:

- B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- B-399 Concentric-Lay-Stranded, 6201-T81 Aluminum Alloy Conductors.

Southwire's parallel aerial cable meets or exceeds all applicable requirements of ANSI/ICEA S-76-474.

## CONSTRUCTION

Conductors are concentrically stranded, compressed 1350-H19 aluminum, insulated with either high density polyethylene or crosslinked polyethylene (XLP). Neutral messengers are either 6201 aluminum alloy or ACSR. Binder wires are 1350-H19 aluminum alloy, AWG 10 covered with high density polyethylene. The phase conductors are paralleled with the neutral messenger, and bound together with the binder wire. Four conductor cables incorporate phase identification with ridges for phase identification (one conductor one ridge, one conductor two ridges, one conductor plain).

# Parallel Aerial Cable

Code* Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft.(lbs.)		Allowable Ampacities+		
	Size (AWG)	Strand- ing	Insul. Thick. (mils)	Equiv. Dia. (AWG)**	Size (kcmil)	Strand ing	Rated Strength (lbs.)	XLP	HD POLY	XLP	HD POLY
<b>THREE CONDUCTOR-6201 ALLOY NEUTRAL-MESSENGER</b>											
Vicksburg	4/0	18	60	4/0	246.9	7	8560	740	--	315	245
Mesa Verde	2/0	7	60	2/0	155.4	7	5390	495	--	236	185
Point Reyes	3/0	17	60	3/0	195.7	7	6790	599	--	270	210
Hot Springs	1/0	7	60	1/0	123.3	7	4460	402	--	205	160

\*Code words for XLP insulated products are formed by adding "/XLP" to the conventional code words above (e.g.-Hot Springs/XLP); for HD Poly insulated products add "/HD" (e.g.-Hot Springs/HD).

\*\*Designated sizes are: ACSR 6/1 diameter equivalent resistivity per ASTM B-399 for 6201.

+Ampacity figures for black insulation only (gray will vary slightly). Conductor temperatures of 90°C for XLP, 75°C for HD Poly; ambient temperature of 40°C; emissivity 0.9; 2 ft./sec. wind in sun.

Code* Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft.(lbs.)		Allowable Ampacities+		
	Size (AWG)	Strand- ing	Insul. Thick. (mils)	Size (AWG)	Strand ing++	Rated Strength (lbs.)	XLP	HD POLY	XLP	HD POLY	
<b>THREE CONDUCTOR-ACSR NEUTRAL-MESSENGER</b>											
Malheur	2/0	7	60	2/0	6/1	5310	533	--	235	185	
Homochitto	1/0	7	60	1/0	6/1	4380	433	--	205	160	
Umpqua	4/0	18	60	4/0	6/1	8350	801	--	315	245	
Plumas	3/0	17	60	3/0	6/1	6620	647	--	270	210	

\*Code words for XLP insulated products are formed by adding "/XLP" to the conventional code words above (e.g.-Hot Springs/XLP); for HD Poly insulated products add "/HD" (e.g.-Hot Springs/HD).

+Ampacity figures for black insulation only (gray will vary slightly). Conductor temperatures of 90°C for XLP, 75°C for HD Poly; ambient temperature of 40°C; emissivity 0.9; 2 ft./sec. wind in sun.

++For ACSR shows Al/Stl.

Code* Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft.(lbs.)		Allowable Ampacities+		
	Size (AWG)	Strand- ing	Insul. Thick. (mils)	Size (AWG)	Strand ing++	Rated Strength (lbs.)	XLP	HD POLY	XLP	HD POLY	
<b>FOUR CONDUCTOR-ACSR NEUTRAL-MESSENGER</b>											
Mendocina	2/0	7	60	2/0	6/1	5310	701	--	205	160	
Helena	1/0	7	60	1/0	6/1	4380	570	--	180	140	
Roosevelt	3/0	17	60	3/0	6/1	6620	848	--	235	185	
Tonto	4/0	18	60	4/0	6/1	8350	1049	--	275	210	

\*Code words for XLP insulated products are formed by adding "/XLP" to the conventional code words above (e.g.-Hot Springs/XLP); for HD Poly insulated products add "/HD" (e.g.-Hot Springs/HD).

+Ampacity figures for black insulation only (gray will vary slightly). Conductor temperatures of 90°C for XLP, 75°C for HD Poly; ambient temperature of 40°C; emissivity 0.9; 2 ft./sec. wind in sun.

++For ACSR shows Al/Stl.