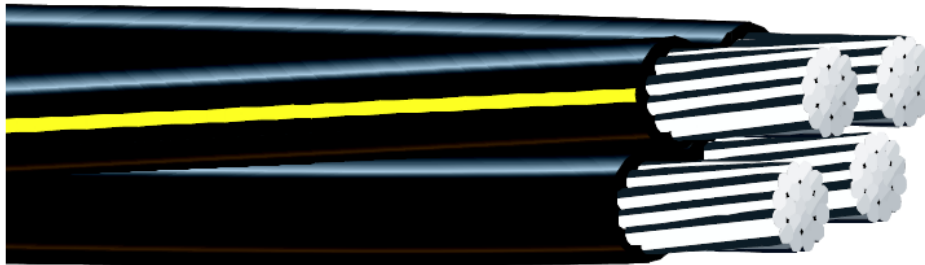


Quadruplex 600V Secondary UD

Aluminum Conductors.
Cross-Linked Polyethylene (XLPE) Insulation.



APPLICATIONS

Used for secondary distribution and underground service at 600 volts or less, either direct burial or in ducts.

SPECIFICATIONS

Southwire's quadruplex or paralleled 600 volt secondary UD cable meets or exceeds the following ASTM specifications:

- B230 Aluminum, 1350-H19 Wire for Electrical Purposes
- B231 Aluminum 1350 Conductors, Concentric-Lay-Stranded
- B609 Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes
- B901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire

Southwire's quadruplex 600 volt secondary UD cable meets or exceeds all applicable requirements of ICEA S-105-692 for cross-linked polyethylene insulated conductors and UL Standard 854 for Type USE-2.

CONSTRUCTION

Conductors are stranded, compressed 1350-H16/H26 aluminum, insulated with cross-linked polyethylene. Neutrals are identified by triple yellow extruded stripe. Cables with "YES" neutrals have sequential footage markers. Conductors are durably surface printed for identification. Three phase conductors and one neutral conductor are cabled together to produce the quadruplex cable configuration.

Quadruplex 600V

Code Word	Phase Conductors				Neutral Conductor				Complete Cable Diameter (inches)	Weight (lbs/1000')	Allowable Ampacities+	
	Size (AWG or kcmil)	Strand-ing	Insul. Thick. (inches)	Phase Diameter (inches)	Size (AWG)	Strand-ing	Insul. Thick. (inches)	Neutral Diameter (inches)			Direct Burial	In Ducts
Quadruplex with Yellow Extruded Stripe Neutral												
Tulsa	4	7	0.060	0.345	4	7	0.060	0.345	0.833	255	120	85
Dyke	2	7	0.060	0.403	4	7	0.060	0.345	0.973	342	155	115
Wittenberg	2	7	0.060	0.403	2	7	0.060	0.403	0.973	371	155	115
Notre Dame	1/0	9	0.080	0.512	2	7	0.060	0.403	1.236	534	200	150
Purdue	1/0	9	0.080	0.512	1/0	9	0.080	0.512	1.236	589	200	150
Syracuse	2/0	11	0.080	0.555	1	9	0.080	0.473	1.340	657	225	170
Lafayette	2/0	11	0.080	0.555	2/0	11	0.080	0.555	1.340	713	225	170
Swarthmore	3/0	17	0.080	0.603	1/0	9	0.080	0.512	1.456	798	250	195
Davidson	3/0	17	0.080	0.603	3/0	17	0.080	0.603	1.456	868	250	195
Wake Forest	4/0	18	0.080	0.658	2/0	11	0.080	0.555	1.588	971	290	225
Earlham	4/0	18	0.080	0.658	4/0	18	0.080	0.658	1.588	1062	290	225
Slippery Rock	350	30	0.095	0.831	4/0	18	0.080	0.658	2.006	1527	385	305
Wofford	500	37	0.095	0.980	350	30	0.095	0.831	2.366	2179	465	370
<p>+ Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor for three conductor triplex with neutral carrying only unbalanced load. Technical data for cable with solid black neutral is identical to yellow extruded stripe data except for the "YES" suffix to code word. Also available in paralleled construction. For NEC Applications, use NEC Table 310.16 Ampacities.</p>												

