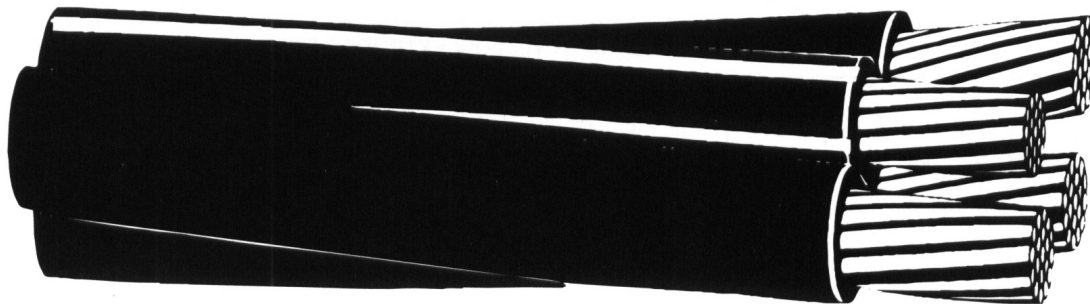


Quadruplex 600V Secondary UD

Aluminum Conductors. Cross-linked Polyethylene (XLP) 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 applicable ASTM specifications:

- B-230 Aluminum 1350-H19 Wire for Electrical Purposes.
- B-231 Aluminum 1350 Conductors, Concentric-Lay-Stranded.
- B-609 Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes.
- B-901 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-H19, H16, or H26 aluminum, insulated with vulcanized interlinked polyethylene (VIP¹), Southwire's cross-linked polyethylene. Neutrals are 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.

¹ VIP is a registered trademark of Southwire Company for cross-linked polyethylene (XLP).

Quadruplex 600V

Code Word	Phase Conductor			Neutral			Diameter (mils)		Weight Per 1000 feet (lbs.)	Allowable Ampacities+	
	Size (AWG)	Strand-ing	Insul. Thick. (mils)	Size (AWG)	Strand-ing	Insul. Thick. (mils)	Single Phase Cond.	Complete Cable		Direct Burial	In Ducts
QUADRUPLEX WITH YELLOW EXTRUDED STRIPE NEUTRAL.											
Tulsa	4	7	60	4	7	60	345	833	255	120	85
Dyke	2	7	60	4	7	60	403	973	342	155	115
Wittenberg	2	7	60	2	7	60	403	973	371	155	115
Notre Dame	1/0	9	80	2	7	60	512	1236	534	200	150
Purdue	1/0	9	80	1/0	9	80	512	1236	589	200	150
Syracuse	2/0	11	80	1	9	80	555	1340	657	225	170
Lafayette	2/0	11	80	2/0	11	80	555	1340	713	225	170
Swarthmore	3/0	17	80	1/0	9	80	603	1456	798	250	195
Davidson	3/0	17	80	3/0	17	80	603	1456	868	250	195
Wake Forest	4/0	18	80	2/0	11	80	658	1588	974	290	225
Earlham	4/0	18	80	4/0	18	80	658	1588	1062	290	225
Slipperyrock	350	37	95	4/0	18	80	831	2006	1544	385	305
+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 "YES" suffix to code word. Also available in paralleled construction. For NEC Applications, use NEC Table 310.16 Ampacities.											