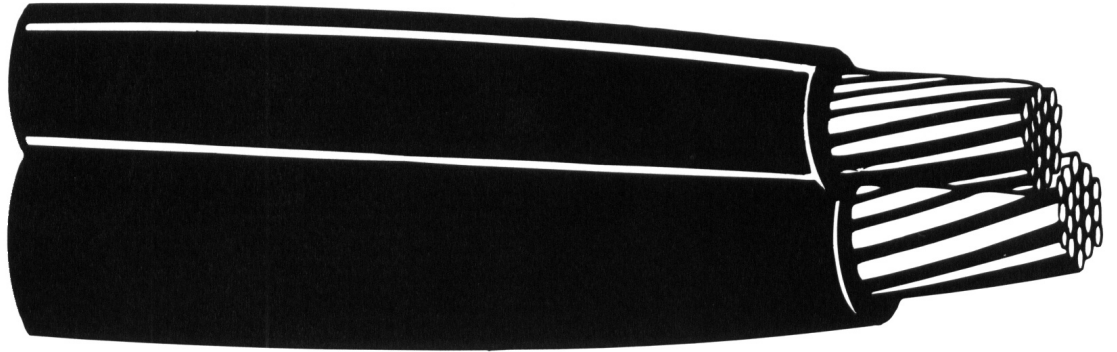


Duplex 600V Secondary UD

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 duplex 600 volt secondary UD cable meets or exceeds the following applicable ASTM specifications:

- B-230 Aluminum 1350-19 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 duplex 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.

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

Duplex 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
DUPLEX WITH YELLOW EXTRUDED STRIPE NEUTRAL											
Bard	8	7	60	8	7	60	262	524	64	70	55
Claffin	6	7	60	6	7	60	298	596	89	95	70
Delgado	4	7	60	4	7	60	345	690	127	125	90
+Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor. For NEC Applications, use NEC Table 310.16 Ampacities.											