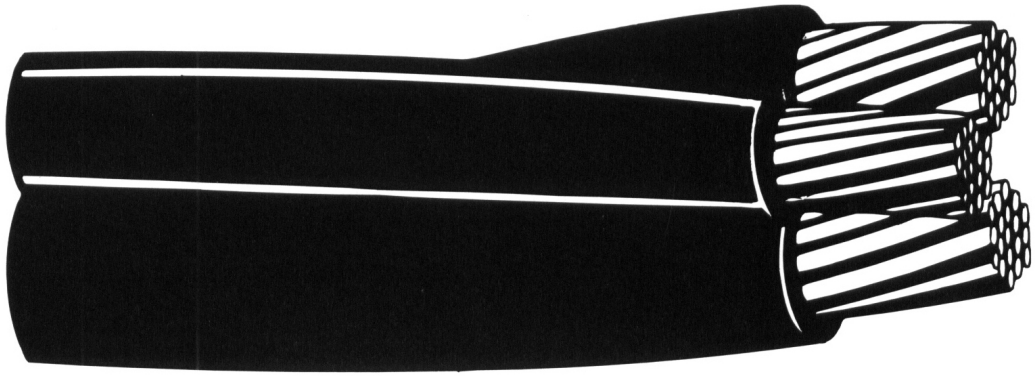
Triplex 600V Secondary UD

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 triplex 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 triplex 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 (VIP [1]), 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. Two phase conductors and one neutral conductor are cabled together to produce the triplex cable configuration. Conductors are also available paralleled.

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

Southwire
One Southwire Drive
Carrollton, Ga. 30119 USA

MADE IN THE USA

Triplex 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
TRIPLEXED WITH YELLOW EXTRUDED STRIPE NEUTRAL.											
Erskine	6	7	60	6	7	60	298	644	134	95	70
Vassar	4	7	60	4	7	60	345	745	191	125	90
Stephens	2	7	60	4	7	60	403	870	249	165	120
Ramapo	2	7	60	2	7	60	403	870	278	165	120
Brenau	1/0	9	80	2	7	60	512	1106	387	215	160
Bergen	1/0	9	80	1/0	9	80	512	1106	441	215	160
Converse	2/0	11	80	1	9	80	555	1199	478	245	180
Hunter	2/0	11	80	2/0	11	80	555	1199	535	245	180
Hollins	3/0	17	80	1/0	9	80	603	1302	581	280	205
Rockland	3/0	17	80	3/0	17	80	603	1302	651	280	205
Sweetbriar	4/0	18	80	2/0	11	80	658	1421	709	315	240
Monmouth	4/0	18	80	4/0	18	80	658	1421	796	315	240
Pratt	250	26	95	3/0	17	80	732	1581	853	345	265
Wesleyan	350	37	95	4/0	18	80	831	1795	1118	415	320
Holyoke	500	37	95	300	37	95	980	2117	1545	495	395
Rider	500	37	95	350	37	95	980	2117	1598	495	395

+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.

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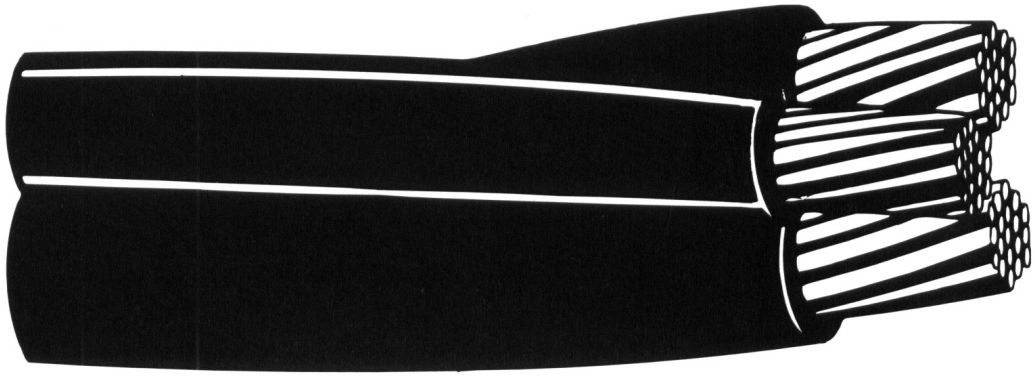

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