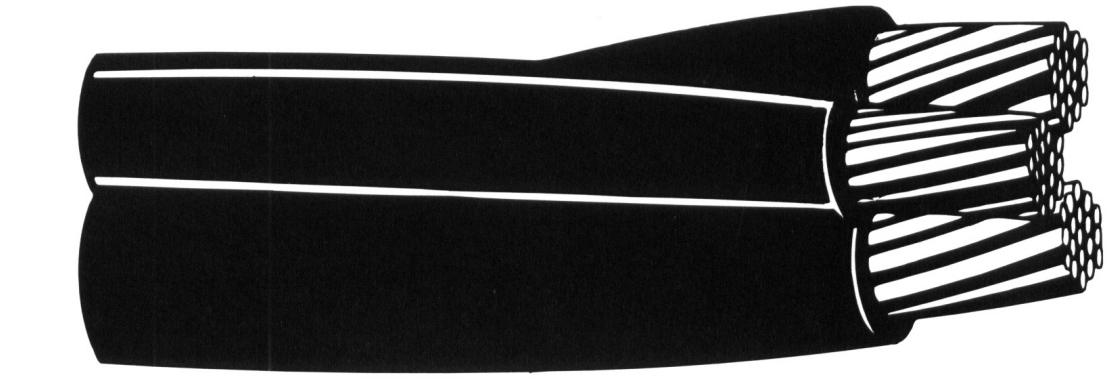
Triplex 600V Secondary UD HI-SCORE

Aluminum Conductor. Ruggedized XLP Insulation.
Provides Superior Mechanical Protection.



APPLICATIONS

Used for secondary distribution and underground service at 600 volts or less, either direct burial or in ducts. Especially suited for applications requiring superior resistance to mechanical damage. Rated 90°C continuous operation, 130°C emergency overload and short circuit 250°C.

SPECIFICATIONS

HI-SCORE triplex or paralleled 600 volt secondary UD cable meets or exceeds the following applicable ASTM specifications:

- B-231 Aluminum 1350 Conductors, Concentric-Lay-Stranded.
- B-609 Aluminum 1350 Round Wire, Annealed and Intermidiate Tempers, for Electrical Purposes.
- B-786 19 Wire Combination Unilay-Stranded Aluminum Conductors for Subsequent Insulation.
- B-901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire.

HI-SCORE triplex or paralleled 600 volt secondary UD cable insulation meets or exceeds all grade and type requirements of ICEA S-81-570 and UL Standard 854 for Type USE-2.

CONSTRUCTION

Conductors are stranded, compressed 1350-H16/H26 aluminum, insulated with a cross-linked polyethylene meeting the requirements of ANSI/ICEA S-81-570. 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 to produce the triplex cable configuration. Conductors are also available paralleled.

Southwire
One Southwire Drive
Carrollton, Ga. 30119 USA

MADE IN ★ THE USA

HI-SCORE Triplex 600V

Code* Word	Phase Conductor			Neutral			Diameter (mils)			Weight Per 1000 ft. (lbs.)	Allowable Ampacities+	
	Size (AWG or kcmil)	Strand-ing	Insul. Thick. (mils)	Size (AWG or kcmil)	Strand ing	Insul. Thick. (mils)	Single Phase Cond.	Neutral Cond.	Complete Cable		Direct Burial	In Ducts
	TRIPLEX WITH YELLOW EXTRUDED STRIPE NEUTRAL											
Vassar/HI-SCORE	4	7	60	4	7	60	345	345	745	192	125	90
Stephens/HI-SCORE	2	7	60	4	7	60	403	345	870	250	165	120
Ramapo/HI-SCORE	2	7	60	2	7	60	403	403	870	279	165	120
Brenau/HI-SCORE	1/0	9	80	2	7	60	512	403	1106	389	215	160
Bergen/HI-SCORE	1/0	9	80	1/0	9	80	512	512	1106	443	215	160
Converse/HI-SCORE	2/0	11	80	1	9	80	555	473	1199	480	245	180
Hunter/HI-SCORE	2/0	11	80	2/0	11	80	555	555	1199	537	245	180
Hollins/HI-SCORE	3/0	17	80	1/0	9	80	603	512	1302	583	280	205
Sweetbriar/HI-SCORE	4/0	18	80	2/0	11	80	658	555	1421	711	315	240
Monmouth/HI-SCORE	4/0	18	80	4/0	18	80	658	658	1421	798	315	240
Pratt/HI-SCORE	250	26	95	3/0	17	80	732	603	1581	856	345	265
Wesleyan/HI-SCORE	350	37	95	4/0	18	80	831	658	1795	1121	415	320
Newark/HI-SCORE	350	37	95	350	37	95	831	831	1795	1282	415	320
Rider/HI-SCORE	500	37	95	350	37	95	980	831	2117	1602	495	395
Fairfield/HI-SCORE	750	61	110	500	37	95	1188	980	2566	2317	620	495

+Ampacity: 90°C conductor temperature, 20°C ambient temperature, RHO factor 90, 100% load factor for three conductor. Triplex with neutral carrying only unbalanced load. For NEC Applications, use NEC Table 310.16 Ampacities.

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