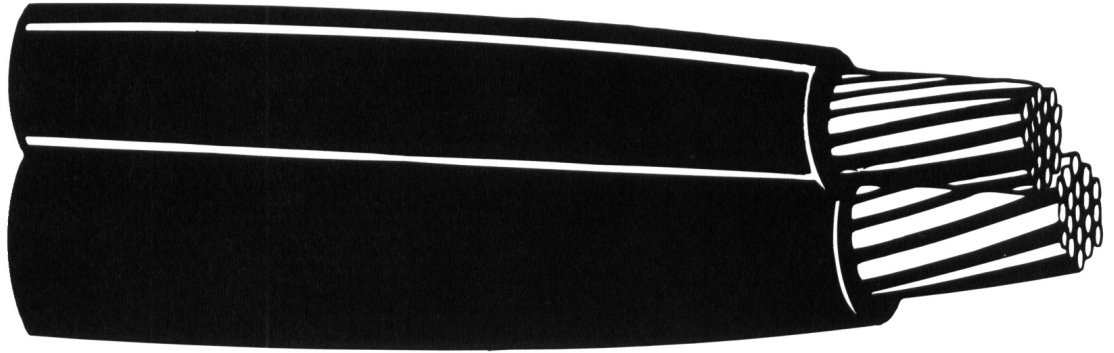


Duplex 600V Secondary UD HI-SCORE

Aluminum Conductors. 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 duplex 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 Intermediate 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 duplex 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.

HI-SCORE Duplex 600V

Code Word	Phase Conductor			Neutral			Diameter (mils)			Weight Per 1000 ft. (lbs.)	Allowable Ampacities+	
	Size (AWG)	Stranding	Insul. Thick. (mils)	Size (AWG)	Stranding	Insul. Thick. (mils)	Single Phase Cond.	Neutral Cond.	Complete Cable		Direct Burial	In Ducts
	DUPLIX WITH YELLOW EXTRUDED STRIPE NEUTRAL											
Clafin/HI-SCORE	6	7	60	6	7	60	298	298	596	90	90	65
Delgado/HI-SCORE	4	7	60	4	7	60	345	345	690	128	125	90

+Ampacity: 90°C conductor temperature, 20°C ambient temperature, RHO factor 90. For NEC Applications, use NEC Table 310.16 Ampacities.