

DATE: 03-12-2012  
 Revision 0  
 By: EKG

## PRODUCT SPECIFICATION

**TYPE:** Cross-linked Polyethylene Insulated  
 Unshielded Underground Electrical Cable  
 For Airport Lighting Circuits  
 5000 Volts, 90°C  
 FAA L-824 Type C

**SIZE:** 4 AWG - Single Conductor

### I. SCOPE:

This specification covers the requirements for single conductor Cross-linked Polyethylene insulated underground electrical cables for installation in ducts or conduit or in trenches by direct burial.

### II. CONSTRUCTION DATA:

Southwire Stock Number	SIZE (AWG)	STRANDING	NOMINAL CONDUCTOR DIAMETER	INSULATION MIN. AVG. WALL (MILS)	APPROX. OUTSIDE DIAMETER (INCHES)	NOMINAL WEIGHT (LB/MFT)
580493XX	4	7X.0787"	.225"	110	.460"	182

### A. CONDUCTOR:

The conductor consists of Class B concentric stranded, annealed uncoated copper conforming to ASTM Standards B-3 and B-8.

### B. PRIMARY INSULATION:

Black Cross-linked Polyethylene (XLPE).

### D. PRINT LEGEND

"SOUTHWIRE CAT.NO.14726 4 AWG 5000V"