

DATE: 02-05-2013
CS# 2012080
Revision 2
By: EKG

PRODUCT SPECIFICATION

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

SIZE: 8 AWG – 4 AWG - Single Conductor

I. SCOPE:

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

II. CONSTRUCTION DATA:

SIZE (AWG)	STRANDING	INSULATION THICKNESS (MILS)	NOMINAL OD (MILS)	NOMINAL WEIGHT (LB/MFT)
8	7	110	375	90
6	7	110	415	127
4	7	110	460	182

A. CONDUCTOR:

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

B. SEPARATOR:

If necessary, a suitable separator is used over the conductor to facilitate stripping.

C. PRIMARY INSULATION:

Black Crosslinked Polyethylene (XLPE) conforming to ICEA S-96-659 Part 4.

D. PRINT LEGEND

“SOUTHWIRE 8 AWG 5000V FAA-L824, TYPE C”

This product is made in the USA.