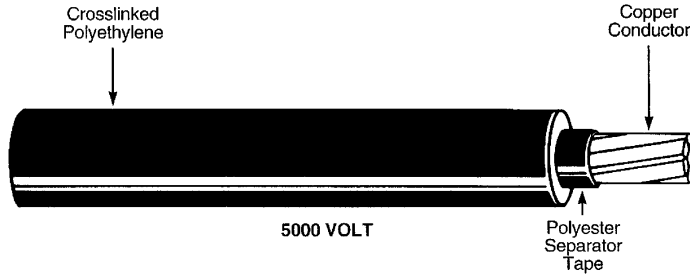


AIRPORT LIGHTING CABLE

1/C 5kV XLP N/S

DESCRIPTION:

- Copper conductor
- XLP insulation



PWC Catalog#	Size AWG	No. of Strands	Insulation Thickness	Insulation Nominal O.D.	Approximate Net Weight
		inch	mils	mils	lbs./1000 ft.
03-0379	8	7	0.110	0.402	103
03-0380	6	7	0.110	0.439	140
03-0381	4	7	0.110	0.485	198

5kV Type CABLE CONSTRUCTION

Conductors	The conductors consist of uncoated soft copper meeting the requirements of ASTM Specs B3, Class B stranding.
Separator	A suitable separator is applied over the copper conductor.
Insulation	The insulation is cross-linked polyethylene (XLP), extruded concentrically over the conductor to the wall thickness, as specified by UL 1072, ICEA S-66-524 and NEMA Publication WC-7.

APPLICATIONS:

- Series lighting circuits for runways, control systems, and other multi-purpose installations.
- Conduit
- Direct burial
- Raceway

These cables are capable of operating continuously at a conductor temperature not in excess of 90°C for normal operation, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Voltage rating for conductors is 5,000 volts.

DESCRIPTION:

Airport Lighting Cable conductors are annealed (soft) copper, 7 strand. 5kV cable has an extruded semi-conducting cross-linked conductor shield with an abrasion, moisture, heat, and track resistant cross-linked polyethylene insulation.

SPECIFICATIONS:

This cable shall be FAA-L-824, Type C, suitable for operation in wet or dry locations. 5kV cable shall have an abrasion, moisture, heat, and track resistant cross-linked polyethylene. Cable shall be printed with conductor size, manufacturer, voltage, and FAA-L-824, Type C. Meets or exceeds FAA Specification L-824, AC150/5345-7D, and ICEA S-66-524



PITTSBURGH WIRE & CABLE INC.