

AIRPORT LIGHTING CABLES

FAA L824 TYPE C UNSHIELDED 5KV CROSSLINKED POLYETHYLENE

Construction

Conductor:

- Fully annealed stranded bare copper per ASTM B-8.

Jacket:

- Chemically crosslinked thermosetting compound, black.
- Temperature range: - 20°C to + 90°C.
- Voltage rating: 5KV.

Note:

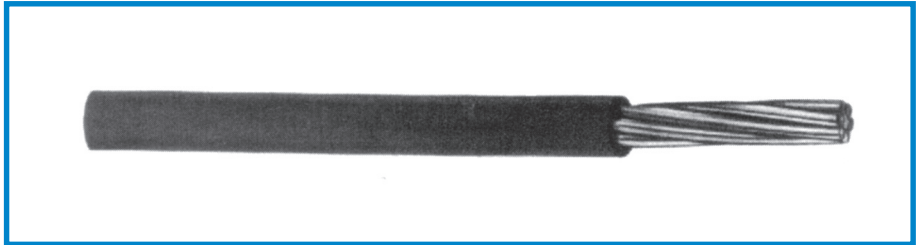
- 600 Volt Constructions Also Available. Consult Factory For Specifications.

Applications:

- Electrical cables for airport lighting circuits.
- Use in wet and dry locations.
- 90°C use for continuous operation.
- 130°C use for emergency overload.
- 250°C use for short circuit conditions.

Industry Approvals:

- Federal Aviation Administration (FAA) L824 Type C.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NO. OF COND'S	NOM. JACKET THICKNESS	NOMINAL O.D.	CURRENT (AMPS ¹)			NOMINAL WEIGHT
	AWG/MCM			INCHES	INCHES	CONDUIT ¹	DIRECT BURIAL ²	DUCT ³	LBS/MFT
13415	8	7	1	0.110	0.366	64	112	87	96
13416	6	7	1	0.110	0.400	82	142	112	132
13417	4	7	1	0.110	0.448	108	186	146	188

- Ampacity in Conduit based on three single insulated conductors triplexed in single or exposed conduit.
- Ampacity in Direct Burial based on three single insulated conductors buried directly in the ground; 20°C ambient temperature; 75% load factor and 3.5% power factor; and earth thermal resistivity is based on 90°C centimeters per watt. (Rho=90)
- Ampacity in Duct based on one conductor per duct, three loaded ducts, 20°C ambient temperature, 75% load factor, Rho=90.
- The ampacity table is based on 90°C conductor temperature and 40°C air ambient temperatures unless otherwise specified. The power factor is based on 3.5%.

NOTE: Type B is available. Check factory for availability.

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Custom Cable Corp.

242 Butler Street • Westbury, New York 11590-3193 • Tel: (516) 334-3600 • Toll Free: (800) 832-3600 • FAX: (516) 334-3989

www.customwireandcable.com • email: sales@customwireandcable.com