



Description

Single conductor cable with stranded copper conductor, track-resistant cross-linked polyethylene (XLPE) insulation.

Specifications

ICEA ICEA S-96-659

FAA FAA Specification L-824

Type C per FAA Advisory Circular 150/5345-7E

Ratings

For 90°C continuous, 130°C emergency, 250°C short-circuit operation.



Design Parameters








Conductor

- Class B concentric strand soft drawn annealed copper per ASTM.

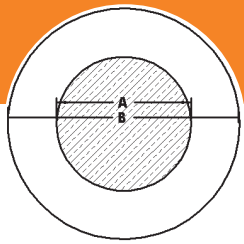
Insulation

- Superior quality black, sunlight resistant, track-resistant cross-linked polyethylene (XLPE), having an optimal balance of electrical and mechanical characteristics assuring extended cable life.

Installations

- | | |
|--|---|
|  Conduit in Air |  Isolated in Air |
|  Underground Duct |  Direct Buried |
|  Wet Locations |  Dry Locations |
|  Airport Lighting | |

*Non-shielded products subject to the National Electric Code are limited to 2.4 kV.



NONSHIELDED AIRPORT LIGHTING CABLE

5kV

Product Number	Conductor	Insulation Thickness (mils)	Phase Conductor Diameter (in.)		Overall Diameter (in.)	Weight (lbs/ft)	Minimum Bending Radius (in.)	† Ampacity (Amps)
			(A)	(B)				
5kV Nonshielded Copper								
▲ 303334	8 AWG	110	0.143	0.37	88	2	64	
▲ 303361	6 AWG	110	0.180	0.41	123	2	85	
▲ 303362	4 AWG	110	0.226	0.45	178	2	110	

†Ampacities are based on the following:

Three Phase Operation

In Duct (NEC Table 310-77): Three single cables in plastic duct, direct-buried, 90°C conductor temperature, 20°C ambient temperature, earth RHO of 90°C-cm/Watt, and 100% load factor.

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock. The above dimensions are approximate and subject to normal manufacturing tolerances.



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