

# FAA-L-824 Underground primary cable for Airport lighting circuits

## TPE insulated cable 5 kV (XCP)

1/1

acc. to customer &amp; manufacturer specification



### Construction

1. Stranded copper conductor
2. TPE Santoprene insulation- black

### Properties

- Abrasion resistant
- Oil resistant
- UV resistant
- Deicer resistant (FR/KAc)
- Service temperature: -40 ... +90 °C
- Min. bending radius: 5x outer diameter
- Max. pulling force: copper cross-section (in mm<sup>2</sup>) x 50 N/mm<sup>2</sup>
- Min. laying temperature: -5 °C

### Dimensions

Cross-section	Conductor assembly	Insulation thickness mm	Overall diameter mm	Weight kg/km
1 x AWG 8	19-stranded	2,8	9,4	134

### Electrical characteristics

Cross-section	Conductor resistance <sup>(1)</sup> Ω/km @ 20 °C	Voltage test (in water) <sup>(1)</sup> kV <sub>dc</sub> -min.	Insulation resistance <sup>(1)</sup> MΩ.km @ 15,6 °C
1 x AWG 8	<2,10	35 - 5	2398

<sup>(1)</sup> routine test