

# APC - Airport Pavement Cable 0,6 kV

1/1

Reference Standard :

**FAA 150/5345 - 30**


## Construction

1. Stranded copper conductor
2. PVC insulation (85 °C) - colourless
3. Polyamid (nylon) outer sheath, melting point 185 °C - black

## Properties

- Abrasion resistant
- Oil resistant
- UV resistant
- Deicer resistant (FR/KAc)
- Service temperature: -40 ... +85 °C
- Min. bending radius: 5x outer diameter
- Max. pulling force: total copper cross-section x 50 N/mm<sup>2</sup>
- Min. laying temperature: -5 °C

## Dimensions

Cross-section	Conductor assembly	Insulation thickness mm	Sheath thickness mm	Overall diameter mm	Weight kg/km
1 x AWG 12	7-stranded	0,6	0,15	3,8	41
1 x AWG 10	7-stranded	0,8	0,15	4,9	66
1 x 4 mm <sup>2</sup>	7-stranded	0,6	0,15	4,1	48

## Electrical characteristics

Cross-section	Conductor resistance Ω/km @ 20 °C	Voltage test (in water) kV <sub>ac</sub> -min.	Insulation resistance MΩ.km @ 15,6 °C
1 x AWG 12	<5,34	3 - 5	>111
1 x AWG 10	<3,34	3 - 5	>113
1 x 4 mm <sup>2</sup>	<4,61	3 - 5	>100