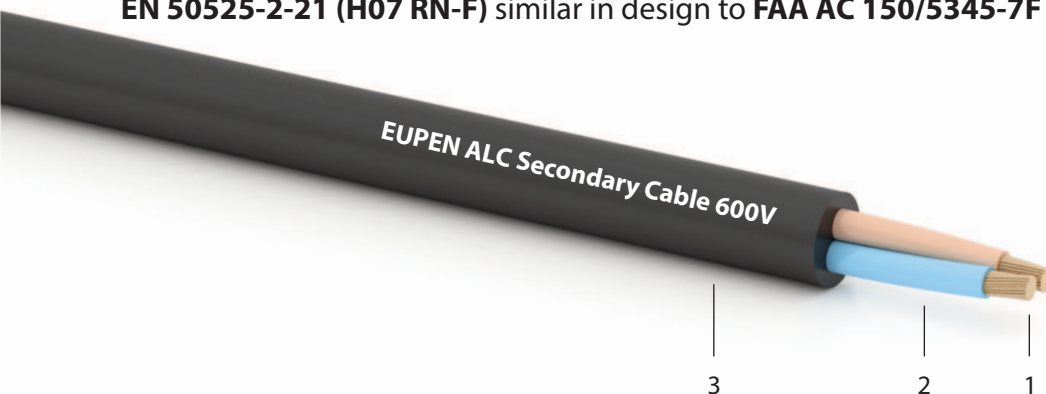


FAA-L-824 Underground secondary cables for Airport lighting circuits

1/1

Reference standard :

EN 50525-2-21 (H07 RN-F) similar in design to FAA AC 150/5345-7F - Type B - 600 V


Construction

1. Flexible copper conductor, cl. 5
2. EPR insulation coloured blue/brown
3. CPE (chlorinated polyethylen, cross-linked, heavy duty) outer sheath - black

Properties

- Abrasion resistant
- Oil resistant
- UV resistant
- Deicer resistant (FR/KAc)
- Optional : improved anti-termite behaviour
- Service temperature: -40 ... +60 °C
- Max. conductor temperature: +90 °C
- Min. bending radius: 5x outer diameter
- Max. pulling force: total copper cross-section x 15 N/mm²
- Min. laying temperature: -25 °C
- Up to 1000 V for fix installation

Dimensions

Cross-section	Conductor assembly	Insulation thickness mm	Sheath thickness mm	Overall diameter mm	Weight kg/km
2 x 2,5 mm ²	flexible cl. 5	0,9	1,7	11,0	167
2 x 4 mm ²	flexible cl. 5	1,0	1,8	12,6	228
2 x 6 mm ²	flexible cl. 5	1,0	2,0	14,2	300

Electrical characteristics

Cross-section	Conductor resistance Ω/km @ 20 °C	Voltage test kV _{ac} -min.	Insulation resistance MΩ.km @ 15,6 °C
2 x 2,5 mm ²	≤7,98	3,5 - 5	>850 *
2 x 4 mm ²	≤4,95	3,5 - 5	>780 *
2 x 6 mm ²	≤3,30	3,5 - 5	>660 *

 * K_i=10000 MΩ . 1000 ft

All information given is indicative only and not binding and can be subject to change without notice.