

Secondary Cable

H07 RN-F

1/1

according to :

HD 22.4 similar in design and application to FAA AC 150/5345-7E; Type B; 600 V


Construction

1. Flexible copper conductor, cl. 5
2. EPR insulation coloured blue/brown
3. CPE (polychloroprene) outer sheath - black

Properties

- Abrasion resistant
- Oil resistant
- UV resistant
- Deicer resistant (FR/KAc)
- Service temperature: -40 ... +60 °C
- Min. bending radius: 5x outer diameter
- Max. pulling force: total copper cross-section x 50 N/mm²
- Min. laying temperature: -5 °C
- May be laid directly into asphalt (temperature resistance of sheath : max. 170 °C / 5h)

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
2 x 2,5 mm ²	<7,98	2,5 - 5	>10
2 x 4 mm ²	<4,95	2,5 - 5	>10
2 x 6 mm ²	<3,30	2,5 - 5	>10