

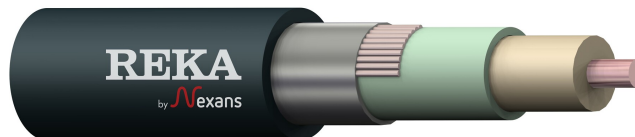
EFSP flyplasskabel

Airfield lighting cable

3 kV

Application

Airfield lighting cable for runway and taxiway lighting primary circuits for fixed installations outdoors. Cable meets the requirements of the Norwegian Civil Aviation Authority. Installations must be in accordance with national regulations and rules of installations. The cable is not CPR-classified.



Design

Standards	IEC 60502-1
Conductor	Circular solid copper, EN/IEC 60228 class 1
Insulation	Polyethylene compound, colour natural
Inner covering	Extruded filling compound
Metal screen	Aluminum tape and tinned copper wire bundle
Oversheath	UV-protected PVC-compound, black

Temperature limits

Max. conductor temperature °C	70
Max. cond. temp. short circuit max. 5 s °C	160
Min. cable temperature during operation °C	-40
Min. cable temperature during handling °C	-15
Min. cable temperature during transport °C	-25

Additional information

BK = Black
BKBU = Black with blue stripe
BKYE = Black with yellow stripe
BKRD = Black with red stripe

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Technical information	1x6/6 BK	1x6/6 BKBU	1x6/6 BKYE	1x6/6 BKRD
Product code	1307010	1307011	1307012	1307013
Nominal cross-sectional area of conductor mm ²	6	6	6	6
Nominal thickness of insulation mm	2,3	2,3	2,3	2,3
Nominal size of metal screen mm ²	6	6	6	6
Nominal thickness of oversheath mm	1,4	1,4	1,4	1,4
Nominal cable diameter mm	12,740	12,740	12,740	12,740
Nominal cable weight kg/km	231,436	231,028	231,438	231,028
Metall weight Cu kg/m	0,085	0,085	0,085	0,085
Metall weight Al kg/m	0,013	0,013	0,013	0,013
Maximum forces during installation when pulling by				
Max. pulling force by pulling-stocking kN	0,0	0,0	0,0	0,0
Minimum bending radii				
During handling and installation, cable cm	15	15	15	15
In final installation, cable cm	15	15	15	15
Minimum bending radii				
During handling and installation, cable m	0,15	0,15	0,15	0,15
In final installation, cable m	0,15	0,15	0,15	0,15
DC resistance				
Max. DC resistance of conductor at 20 °C Ω/km	3,08	3,08	3,08	3,08
Maximum DC resistance at 20 °C, metal screen Ω/km	3,08	3,08	3,08	3,08