

PFSP flyplasskabel

Airfield lighting cable

6 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 stranded copper, EN/IEC 60228 class 2
Insulation	PVC-compound
Core Identification	Natural
Inner covering	Plastic tape
Metal screen	Copper wires and copper tape
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

Technical information		1x6/6
Product code		1307110
Nominal cross-sectional area of conductor mm ²		6
Nominal thickness of insulation mm		3,4
Nominal size of metal screen mm ²		6
Nominal thickness of oversheath mm		1,6
Nominal cable diameter mm		14,420
Nominal cable weight kg/km		288,951
Nominal weight of copper kg/m		0,109
Maximum forces during installation when pulling by		
Max. pulling force by pulling-stocking kN		0,0
Minimum bending radii		
During handling and installation, cable cm		14
In final installation, cable cm		14
Minimum bending radii		
During handling and installation, cable m		0,14
In final installation, cable m		0,14
DC resistance		
Max. DC resistance of conductor at 20 °C Ω/km		3,08
Maximum DC resistance at 20 °C, metal screen Ω/km		3,08