

Caledonian Airport Cables

Airfield Lighting Cables



C 33-224 / C33-225

» Applications

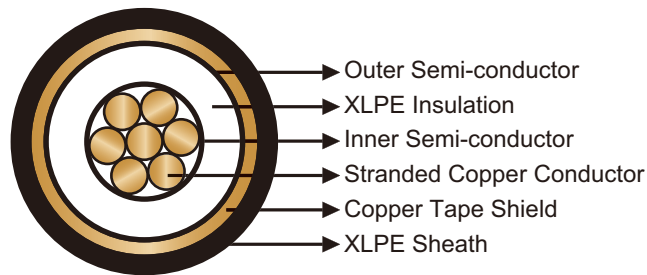
These cables are used as airfield lighting equipment primary cables for the series circuit connecting the Constant Current Regulators and the isolating transformers, and between the isolating transformers.

» Standards

C33-224

C33-225

» Construction



Conductor: Stranded bare or tinned copper conductor.

Inner Semi-Conductor: Extruded semi-conducting compound.

Insulation: XLPE. EPDM can be offered upon request.

Outer Semi-Conductor: Extruded semi-conducting compound.

Shield: Copper tape shield. Copper wire shield can be offered upon request.

Sheath: XLPE. PVC/HFFR/CR can be offered upon request.

» Technical Data

Rated Voltage U ₀ /U (Um)	3.6/6 (7.2kV); 6/10 (12kV)
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C
Operating Temperatures	-20°C~+70°C
Minimum Bending Radius	static: 10×OD; dynamic: 20×OD
Impacted Resistant	Yes
Weather Resistant	Yes



» Dimensions and Weight

3.6/6 (7.2kV)

Construction	No. of Strand	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm ²	-	mm	mm	mm	kg/km
1×6	7	2.7	1.4	12.5	198

6/10 (12kV)

Construction	No. of Strand	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm ²	-	mm	mm	mm	kg/km
1×6	7	3.6	1.6	14.7	250

