



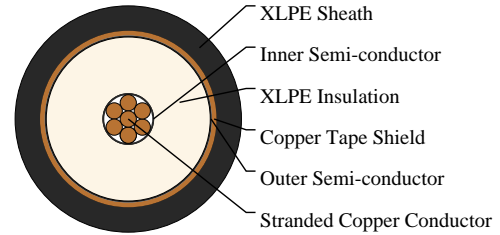
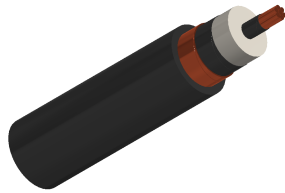
# Caledonian

Airport Cables

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## C 33-224 / C33-225 1C6



### 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

### CABLE 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.

### PHYSICAL AND THERMAL PROPERTIES

Rated Voltage  $U_0/U$  ( $U_m$ ):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

### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	No. of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No. ×mm <sup>2</sup>		mm	mm	mm	kg/km
1×6	7	3.6	1.6	14.7	250