



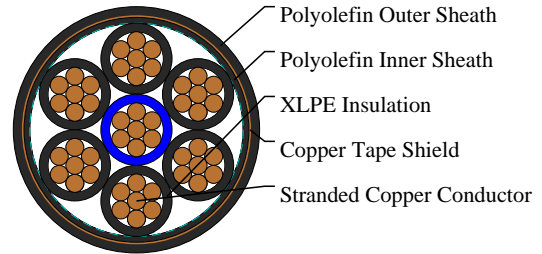
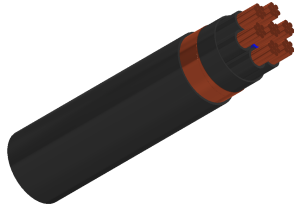
Caledonian

Airport Cables

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400Hz Airport Cables 7-core With Copper Tape Shield 7C35



APPLICATIONS

These cables are designed for 400 Hz systems for power supply of aircraft, computer systems and radar stations, suitable for laying in earth, in water, outdoors, indoors and in cable ducts.

STANDARDS

VDE 0295

CABLE CONSTRUCTION

Conductor: Stranded bare copper conductor, Class 5 to VDE 0295/IEC 60228.

Insulation: XLPE.

Inner Sheath: Polyolefin.

Shield: Copper tape shield.

Outer Sheath: Polyolefin.

PHYSICAL AND THERMAL PROPERTIES

Rated Voltage U_0/U (U_m): 600V/1000V

Operating Temperatures: $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$

Minimum Bending Radius: static: $9 \times \text{OD}$; dynamic: $12 \times \text{OD}$

Halogen Free: Yes

No Corrosive & Toxic Gases: Yes

Low Smoke: Yes

Flame Retardant: Yes

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Diameter Of Core	Nom. Overall Diameter	Approx. Weight
No. × mm ²	mm	mm	kg/km
7×35	9.7	41.8	3450