

400Hz Airport Cables 7-core With Copper Tape Shield



Eland Product Group: F23

APPLICATION

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.

CHARACTERISTICS

Rated Voltage U₀/U
0.6/1kV

Temperature Rating
Fixed: -40°C to +90°C

Minimum Bending Radius
Static: 9x Overall Diameter
Dynamic: 12x Overall Diameter

CONSTRUCTION

Conductor
Class 5 Stranded bare copper

Insulation
XLPE (Cross linked Polyethylene)

Inner Sheath
PO (Polyolefin)

Shield
Copper tape shield

Sheath
PO (Polyolefin)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OF SINGLE CORE mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F23LV07035BK	7	35	9.7	41.8	3450
F23LV07050BK	7	50	11.8	47.8	4660
F23LV07070BK	7	70	11.9	54.1	5930

STANDARDS

VDE 0295, IEC 60228

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab[®], an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab[®] as meeting the requirements of the BSI RoHS Trusted Kitemark[™].

