

400Hz Airport 7-core Cable



Eland Product Group: F20

APPLICATION

These 7-core cables are designed for 400Hz systems for power supply of aircraft, computer systems and radar stations. They are suitable for laying in earth, in water, outdoors, indoors and in cable ducts.

CHARACTERISTICS

Rated Voltage U_o/U
0.6/1kV

Temperature Rating
Fixed: -20°C to +70°C

Minimum Bending Radius
Static: 6x Overall Diameter
Dynamic: 12x Overall Diameter

CONSTRUCTION

Conductor
Class 2/Class 5 Stranded bare copper conductor

Insulation
PVC (Polyvinyl Chloride) or XLPE (Cross-linked Polyethylene)

Sheath
PVC (Polyvinyl Chloride)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OF SINGLE CORE mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F20LV07025BK	7	25	9.6	35.0	2800
F20LV07035BK	7	35	10.6	39.0	3500
F20LV07050BK	7	50	11.8	42.9	4000
F20LV07070BK	7	70	13.6	49.2	5440

STANDARDS

VDE 0271, 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™.

