

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 U₀/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

STANDARDS

VDE 0271, VDE 0295, IEC 60228

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].



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