

400Hz LSZH Armoured Airport 7-core Cables



Eland Product Group: F25

APPLICATION

These LSZH AWA armoured 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. PVC insulation and sheathing available upon request.

CHARACTERISTICS

Rated Voltage Uo/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 2 Stranded bare copper conductor

Insulation
XLPE (Cross-linked Polyethylene)

Inner Sheath
LSZH (Low smoke zero halogen)

Armour
AWA (Aluminium wire armour)

Sheath
LSZH (Low smoke zero halogen)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OF SINGLE CORE mm	NOMINAL DIAMETER UNDER ARMOUR mm	NOMINAL DIAMETER OVER ARMOUR mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F25LV07035BK	7	35	8.6	30.0	32.4	36.6	3355

STANDARDS

BS 6724, BS 5467

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®.

