

# 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<br>mm <sup>2</sup> | NOMINAL DIAMETER OF SINGLE CORE<br>mm | NOMINAL DIAMETER UNDER ARMOUR<br>mm | NOMINAL DIAMETER OVER ARMOUR<br>mm | NOMINAL OVERALL DIAMETER<br>mm | NOMINAL WEIGHT<br>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](https://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®.

