

# 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 <sup>2</sup>	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

## 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™.

