

400Hz Airport 4-core With Control Wires Cable



Eland Product Group: F19

APPLICATION

These 4-core cables with control wires 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 (Um)

0.6/1kV

Temperature Rating

Fixed: -40°C to +90°C

Minimum Bending Radius

Static: 4x Overall Diameter

Dynamic: 5x Overall Diameter

CONSTRUCTION

Conductor

Class 5/Class 6 Stranded copper conductor

Insulation

XLEPR (Cross-linked Ethylene Propylene Rubber)

Control Core

1mm² stranded copper conductor with Polyolefin insulation

Sheath

PUR (Polyurethane)

Sheath Colour

● Yellow

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NO. CONTROL CORES	NOMINAL DIAMETER SINGLE CORE mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F19LV04035YW	4	35	4	13.7	33.0	2600
F19LV04050YW	4	50	4	18.2	44.0	3900
F19LV04070YW	4	70	4	21.2	51.3	4300
F19LV04120YW	4	120	4	23.2	56.0	7400

STANDARDS

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[™].

