

400Hz Airport Single Core With Control Wires Cable



Eland Product Group: F15

APPLICATION

This single core cable with control wires is designed for 400Hz systems for power supply of aircraft, computer systems and radar stations. It is suitable for laying in earth, in water, outdoors, indoors and in cable ducts.

CHARACTERISTICS

Rated Voltage U_o/U (Um)
0.6/1kV

Temperature Rating
Fixed: -40°C to +90°C

Minimum Bending Radius
Static: 6×Overall Diameter
Dynamic: 7×Overall Diameter

CONSTRUCTION

Conductor
Class 6 Stranded copper conductor

Insulation
TPE (Thermoplastic Elastomer)

Control Core
1mm² stranded copper conductor with TPE (thermoplastic elastomer) insulation.

Sheath
PUR (Polyurethane)

Sheath Colour
● Yellow

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F15LV01035YW	1 + 4	35 + 1	14.0	490
F15LV01050YW	1 + 4	50 + 1	17.0	600
F15LV01070YW	1 + 4	70 + 1	18.7	800
F15LV01120YW	1 + 4	120 + 1	25.0	1400

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™.

