400Hz Airport 3-core With Control Wires Cable



Eland Product Group: F17

APPLICATION

These 3-core cables with control wires designed for 400 Hz 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 Uo/U (Um)
0.6/1kV

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

Minimum Bending Radius
Static: 3x Overall Diameter
Dynamic: 4x Overall Diameter

CONSTRUCTION

Conductor
Class 6 Stranded copper conductor

Insulation
XLEPR (Cross-linked Ethylene Propylene Rubber)

Control Core
1mm² stranded copper conductor with XLPE insulation

Metallic Screen (Neutral Conductor)
Concentric Copper Wires

Cable Assembling
Control cores, neutral conductor and dummy elements around phase conductors

Sheath
PUR (Polyurethane) with abrasion indicators

Sheath Colour
Yellow

STANDARDS

VDE 0295, IEC 60228

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE 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®.

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	NOMINAL CROSS SECTIONAL AREA SCREEN mm²	NO. CONTROL CORES	NOMINAL DIAMETER SINGLE CORE mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F17LV03035YW	3	35	20	8	20.5	44.1	2790
F17LV03070YW	3	70	25	8	22.2	47.8	3560