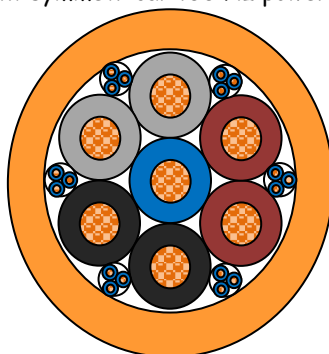




K-AIRPORT PLUS PP PVC 400 Hz 7X35 + 18x1

Description : Increased oil-resistant symmetrical 400 Hz power supply cable with control cores.

Design:



Construction : Extra Flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K5 and IEC 60228 Cl.6
PP Insulation compound
7x35 Color code: (Blue) (Grey Grey Black Black Brown Brown) 18x1 Black numbered
Nonwoven tape
PVC outer sheath compound type **TM5** Oil resistant according to CEI 20-11 and VDE 0207, Black. Grey or Orange. \varnothing 37,60 \pm 1,00 mm

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.
Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms : Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1
Oil-resistant according to EN 50363-4-1: TM5
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 4000 V
- Electrical Resistance at 20°C < 0,554 ohm/m - < 19,500 ohm/m
- Nominal Inductance at 20°C \approx 0,270 mH/km - 0,400 mH/km
- Nominal Capacitance at 20°C \approx 50 nF/km - 70 nF/km
- Nominal Impedance at 20° \approx 55 Ω /km - 74 Ω /km
- Working temperature : Occasional flexing: -5°C to +80°C
Fixed installation: -40°C to +80°C
- Minimum bending radius Flexing: 8 x outer \varnothing
Fixed installation: 4 x outer \varnothing

Use : 400 Hz cables are used to supply power to aircraft (on-board power), data processing systems, radar stations, radio stations, etc. For safety reasons, 400 Hz cables are used to connect data processing systems, radar systems and communications systems to uninterruptible power supplies. Such power supplies prevent a total failure of power and compensate for frequency and voltage fluctuations. Suitable for installation indoors, outdoors.