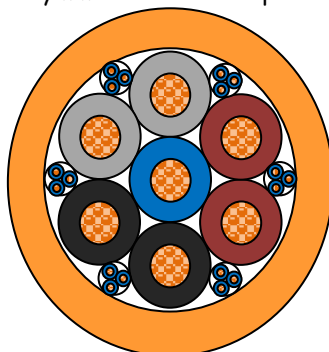




K-AIRPORT PLUS PP PUR 400 Hz 7X35 + 18x1

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
 TPE - Polypropylene based insulation compound
 7x35 Color code: (Blue) (Grey Grey Black Black Brown Brown) 18x1 Black numbered
 Nonwoven tape
 PUR outer sheath in Black. Grey or Orange. $\varnothing 37,10 \pm 1,00$ 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 :

High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface

Resistant to hydrolysis and microbes

Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1

Halogen-free according to IEC 60754-1 (amount of halogen acid gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Low smoke density according to IEC 61034

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.