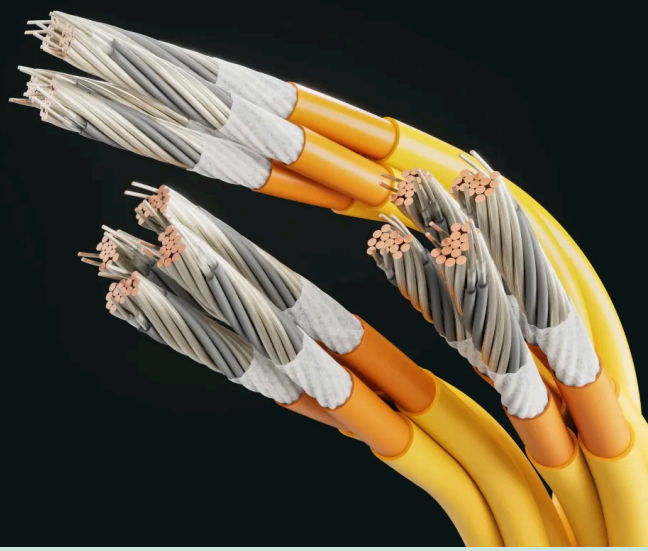
We Make Modern Life Possible.

SPECIAL CABLES

# FLEXICS® JET 400Hz 2X11Y



## Stranded ground power supply cable, with control cores, tinned and halogen-free

400 Hz cables are mainly used to supply power to aircrafts (onboard power). May be operated in mobile, stationary or underground mode. Simple, long-lasting and easy to install design with a fair market price and great quality.

## TECHNICAL DATA

**Test Voltage**
4000 V / 50 Hz

**Rated Voltage**
0.6/1 kV (Uo/U)

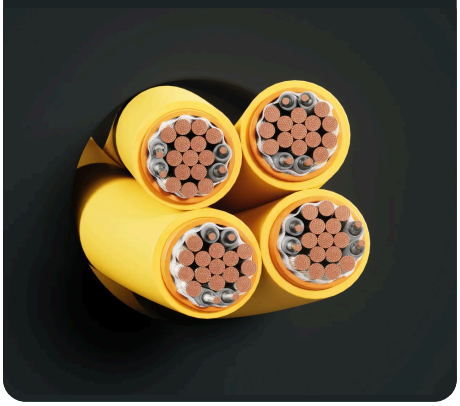
**Bending radius (min.)**
6 x Ø of cable

**Fire properties**
EN 60332-1-2, IEC 60332-1-2: selfextinguishing and flame retardant
IEC 60754-1: halogen-free

**Core identification**
Grey (continuously numbered)

**Temperature range**
Operating temperature: -40°C up to 90°C

## DESIGN



1. Tinned copper conductors, fine wires class 5 (control cores) and super fine wires class 6 (power cores) according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Control core with two layer (natural & grey color) insulation on polypropylene and polyurethane basis, continuously numbered
3. Designed number of control cores stranded together within copper conductor strand
4. Non-woven tape separation
5. Primary outer sheath of special compound based on cross-linked polymer (XLPE), colour: orange (RAL 2003)
6. Secondary outer sheath of special polyurethane (PUR), colour: yellow (RAL 1021)
7. Cores with integrated control cores stranded together with optimized lay length

| Number of cores x nominal cross-section ($mm^2$) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|---|---|---|---|
| 4 x (1 x 50 + 4 x 1) | 42.6 | 2074 | 2769 |
| 4 x (1 x 70 + 4 x 1) | 48.9 | 2844 | 3754 |
| 4 x (1 x 70 + 6 x 1) | 50.8 | 2920 | 3857 |

Technical changes reserved. All figures are therefore without guarantee.



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