We Make Modern Life Possible.

INDUSTRIAL 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: self-extinguishing 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

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Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x (1 x 50 + 4 x 1)	42.6	2769
4 x (1 x 70 + 4 x 1)	48.9	3754
4 x (1 x 70 + 6 x 1)	50.8	3857

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

