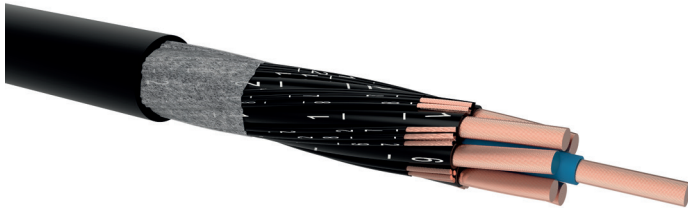


FLEXICS® 2XSLHX 400Hz 7x35+6x(4x1)

Ground power supply cable, with control cores, halogen-free

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Power supply control cores insulation of cross-linked polyethylene (XLPE); control cores of special compound based on polypropylene (PP)
- 3 | Power supply cores (black with No. 1-6) stranded over central core (blue) with 6 star-quads in the interstices
- 4 | Non-woven tape separation
- 5 | Outer sheath of special cross-linked compound (XLPE), free of halogen and flame retardant, colour: black (RAL 9005)

APPLICATION

400 Hz cables are mainly used to supply power to aircrafts (on-board 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



Rated voltage:
0.6/1 kV (U₀/U)



Test voltage:
core / core 4000 V / 50 Hz



Temperature range:
fixed installation: -40 °C up to 90 °C
flexible use: -15 °C up to 80 °C
conductor temperature: max. 90 °C



Bending radius (min.):
6 x Ø of cable



Core identification:
central blue core, other cores black
(continuously numbered)



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant
IEC 60754-1: halogen-free

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
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7 x 35 + 6 x (4 x 1)	36	2625	2922

Technical changes reserved. All figures are therefore without guarantee.

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