We Make Modern Life Possible.

SPECIAL CABLES

FLEXICS® 2XSLHX 400Hz 7x35+6x(4x1)

Ground power supply cable, with control cores, 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: self-extinguishing and flame retardant
IEC 60754-1: halogen-free

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

Temperature range
Conductor temperature: max. 90°C
Fixed installation: -40°C up to 90°C
Flexible use: -15°C up to 80°C

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)

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
7 x 35 + 6 x (4 x 1)	36.0	2625	2922

Technical changes reserved. All figures are therefore without guarantee.



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