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# FLEXICS® YSLYV-K35 400Hz 7x35+6x(4x1)

Ground power supply cable, with control cores for fixed installation

## SPECIAL CABLES

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

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| <p> <b>Test Voltage</b><br/>4000 V / 50 Hz</p> <hr/> <p> <b>Rated Voltage</b><br/>0.6/1 kV (U<sub>0</sub>/U)</p> <hr/> <p> <b>Bending radius (min.)</b><br/>5 x <math>\varnothing</math> of cable</p> | <p> <b>Fire properties</b><br/>EN 60332-1-2: self-extinguishing and flame retardant</p> <hr/> <p> <b>Core identification</b><br/>Central blue core, other cores black (continuously numbered)</p> <hr/> <p> <b>Temperature range</b><br/>Fixed installation: -40°C up to 70°C<br/>Flexible use: -15°C up to 70°C</p> |
|---|---|

## 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 special cold resistant mixture of polyvinyl chloride (PVC); control cores of special compound based on polyvinyl chloride (PVC)
- 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 cold resistant compound based on polyvinyl chloride (PVC), colour: black (RAL 9005)



Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
7 x 35 + 6 x (4 x 1)	37.0	2625	3109



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