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SPECIAL CABLES

# FLEXICS® JET 400Hz 2X11Y

Single core ground power supply cable, with  
control cores, tinned and halogen-free



## TECHNICAL DATA



Test Voltage  
4000 V / 50 Hz



Rated Voltage  
0.6/1 kV (U<sub>0</sub>/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  
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)

| Number of cores x nominal cross-section (mm²) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|-----------------------------------------------|---------------------------|------------------|----------------------------|
| 1 x 50 + 4 x 1                                | 17.6                      | 519              | 682                        |
| 1 x 70 + 4 x 1                                | 20.2                      | 711              | 904                        |
| 1 x 70 + 6 x 1                                | 20.8                      | 730              | 932                        |
| 1 x 120 + 4 x 1                               | 24.5                      | 1191             | 1445                       |

## CONTACT PERSON

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