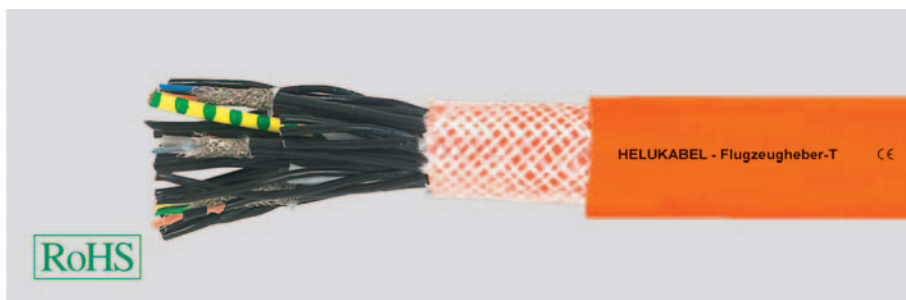


# Flugzeugheber-T trailing, PUR



## Technical data

- **Temperature range**  
flexing -20°C to +80°C
- **Nominal voltage**  
control cores 300/500 V  
power supply cores 600/1000 V
- **A.C. test voltage**, 50 Hz  
control cores 1500 V  
power supply cores 4000 V
- **Minimum bending radius**  
for flexible installation 15x cable Ø

## Cable structure

### Part no. 70736

- Bare copper-conductor, to DIN VDE 0295 cl.6, extra fine-wire, BS 6360 cl.6, IEC 60228 cl.6
- **Power supply cores** (4 mm<sup>2</sup>) and **control cores** (0,75 mm<sup>2</sup>)
  - Core insulation of cold flexible special PVC
  - Core identification black with numbering 4 mm<sup>2</sup> No.1-5 + 0,75 mm<sup>2</sup> No.6-20
- **Data pair** ( 0,34 mm<sup>2</sup>)
  - Core insulation data pair of polyethylene
  - Core identification to DIN 47100
  - Cores twisted in pairs
  - Foil wrapping
  - Tinned copper braided screen, approx. 85% coverage
  - Inner sheath of cold flexible special PVC
- Cores stranded with elements
- Inner sheath of cold flexible special PVC
- Outer sheath of PUR with integrated support braiding
- Sheath colour grey (RAL 7001)

### Part no. 77548

- Bare copper-conductor, to DIN VDE 0295 cl.6, extra fine-wire, BS 6360 cl.6, IEC 60228 cl.6
- **Power supply cores** (2,5 mm<sup>2</sup>) and **control cores** (1 mm<sup>2</sup>)
  - Core insulation of TPE-E
  - Core identification black with numbering
  - GN-YE conductor
- **Data pair** ( 0,34 mm<sup>2</sup>)
  - Core insulation of polyethylene
  - Core identification to DIN 47100
  - Cores twisted in pairs
  - Foil wrapping of aluminium-coated polyester
  - Tinned copper braided screen, approx. 85% coverage
- Cores stranded with elements
- Outer sheath of PUR with integrated support braiding
- Sheath colour orange (RAL 2003)

## Properties

- PUR outer sheath: low adhesion, extremely, abrasion resistant, halogen-free, resistant to UV, oil, hydrolysis and microbial attack

## Application

This hybrid cable is designed for the aircraft industry, and contains cores for power supply, control cores, and cores for a positioning laser. The cable is used to control and position a support robot, which absorbs loads at specific points when loading extremely heavy items, for example during loading of aircraft assemblies in large transport aircraft of the Airbus industry. The cable is trailing, UV and weather-resistant, and is provided with an extremely wear-resistant and petrol-resistant special sheath. Part no. 77548 is designed for similar applications, as a load-reducing lifter in aircraft assembly.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.	Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
70736	5 x 4 + 5 x 3 G 0,75 + 2 x 2 x 0,34	25,6	390,0	600,0	12	77548	5 x 2,5 + 18 G 1,0 + 4 x 2 x 0,34	27,0	461,0	750,0	14

Dimensions and specifications may be changed without prior notice.