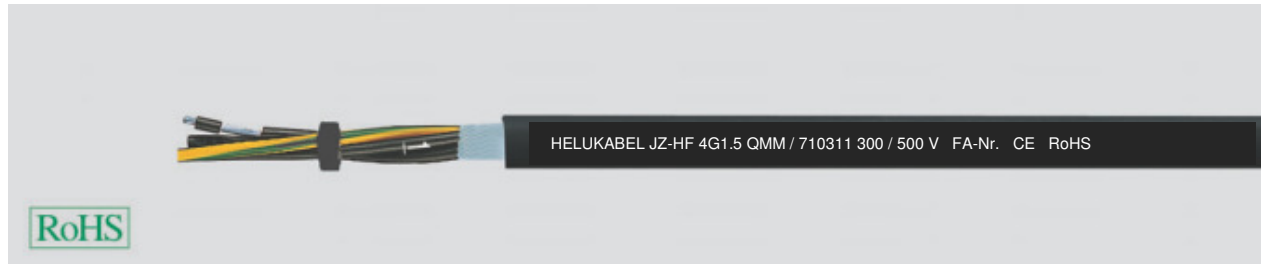


HK-SO-JZ-HF BLACK

Special PVC Control Cable with extreme flexibility



Technical Data

- Special PVC control cable with extreme flexibility
- **Temperature range**
 - flexing - 5°C up to +80°C
 - fixed -40°C up to +80°C
- **Nominal voltage**
U₀/U 300/500 V
- **Test voltage**
core/core 4000 V
- **Insulation resistance**
min. 20 MΩ x km
- **Breakdown voltage**
min. 8000 V
- **Minimum bending radius**
 - flexing 7.5 x cable Ø
 - fixed 4.0 x cable Ø
- **Radiation Resistance**
up to 80x10⁶ cJ/kg (up to 80Mrad)

Cable construction

- Bare copper, extra fine wire conductors to DIN VDE 0295 cl. 6, column 4 and IEC 60228 cl. 6, column 4
- Core insulation Special PVC Z 7225
- Core identification: black numbered cores + green/yellow according to DIN VDE 0293
- Cores stranded in layers with optimal lay-length
- Wrapping with fleece-tape over the outer layer
- Outer sheath PVC cold flexible TM4
- Colour of outer sheath: black, alike RAL 9005

Properties

- Extensively oil resistant
- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2. DIN EN 60332-1-2 / IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of laquers

Application:

JZ-HF-cables are ideal for use in the machine tool industry, in robotics and machine production and anywhere where high flexibility is essential. These cables have shown excellent performance in combination with standard cable trays. These cables are suitable for flexible use for medium mechanical stresses with free movements.

For applications which go beyond standard solutions (for example for composting appliances or high shelf conveyors with extremely high processing speeds) we recommend for our especially developed enquiry sheet for energy guiding systems.

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Part No.	No. cores x cross section mm ²	outer Ø ca. mm	Copper weight kg / km	Part No.	No cores x cross section mm ²	outer Ø ca. mm	Copper weight kg / km
710534	2 x 0.5	5.0	9.6	710536	4 x 4	11.5	153.6
710535	4 x 0.75	6.4	28.8	710537	4 x 6	13.3	230.4
710311	4 x 1.5	7.4	58.0	710538	4 x 10	17.8	384.0
710500	4 x 2.5	9.4	96.0	710539	4 x 16	20.9	614.4

