

Flexible PVC shielded control cable

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Flexible PVC shielded control cable for industrial automation, control systems and other mechanical and electrical equipment electrical connections installed. The cable has a good flexibility. Sheath using oil PVC, so the cable has good oil resistance. Tinned copper braid shield so that the cable has a strong resistance to external electromagnetic interference, to ensure the stability of the cable system.

Flexible PVC shielded control cable Characteristics

- 1) Operating voltage: 300/500V
- 2) Test voltage: 1500V
- 3) Insulation resistance: $\geq 20\text{M}\Omega/\text{km}$ (20 °C)
- 4) Minimum bending radius: Mobile installation: about 20x D (Cable OD)
Fixed installation: approximately 6x D (Cable OD)
- 5) Operating temperature: -5 ° C to move the installation to +70 ° C
Fixed installation -30 ° C to +70 ° C
- 6) Fire performance: compliance with VDE 0472 - 804 Class B portion of the test standards, and IEC 60332-1
- 7) CE certified

Flexible PVC shielded control cable Construction

Conductor	Fine strands of bare copper wire, comply with VDE0295, 5 class conductor
Insulation	Halogen specially blended materials
Core	Core stranding, core colors conform VDE 0293 wires JZ black cores with white numbers coded yellow and green JB cores with yellow-green color wire OZ black wire white digital coding without yellow and green wires OB colored yellow and green wire without wire
Inner sheath	Halogen specially mixed material (optional)
Shield	tinned copper braid shield, more than 85%
Outer sheath	Halogen specially blended materials
Sheath color	gray

Flexible PVC shielded control cable Specification

Conductor Cross-Section area(mm2)	Cable Cores
0.5 ~ 2.5	2 ~ 25
4 ~ 16	4 ~ 7
25 ~ 35	4

Noted:Other specification can be produced as per customer required.

Flexible PVC shielded control cable show

