

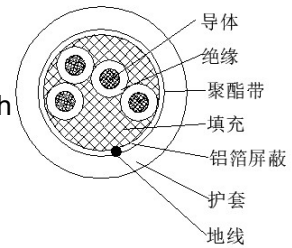
Copper core low smoke zero halogen polyolefin insulated sheathed flame-retardant stranded aluminum foil shielded flexible cable WDZB-RYYP3

Product production and testing standards:

- GB/T 19666-2019 《General Rules for Flame-retardant and Fire-Resistant Wires and Cables》

Product structure and performance:

- Conductor material: copper wires
- Insulation material: Low-smoke and halogen-free polyolefin insulation
- Shielding material: Aluminum foil
- Sheath material: Low-smoke, halogen-free polyolefin sheath
- Rated voltage: 300/500V
- Structure parameter:



Specification	Insulation nominal thickness	Sheath nominal thickness	20°C DC resistance	70°C insulation resistance
2×2×0.3mm ²	0.5mm	0.6mm	≤73.4Ω/km	≥0.014MΩ·km
1×2×1mm ²	0.6mm	0.6mm	≤20.7Ω/km	≥0.010MΩ·km

Low-smoke and halogen-free flame-retardant performance

- Flame retardant grade: Class B bundle combustion
- Smoke density (transmittance): ≥60%,
- PH value: ≥4.3,
- Electric conductivity: ≤10μS/mm。

Mechanical properties of insulation and sheath

- Mechanical strength of insulation before aging: ≥9MPa
- Elongation at break of insulation before aging: ≥125%
- Mechanical strength of sheath before aging: ≥9MPa
- Elongation at break of sheath before aging: ≥125%

Product use environment

- cable laying temperature: Above 0°C
- Product service temperature: -20°C ~ 90°C



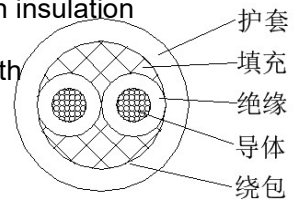
Copper core low smoke zero halogen polyolefin insulated sheathed flame-retardant stranded flexible cable WDZB-RYYS

Product production and testing standards:

- GB/T 19666-2019 《General Rules for Flame-retardant and Fire-Resistant Wires and Cables》
- Q/321001LLD 16-2024 《Flame-retardant and fire-resistant cables》

Product structure and performance:

- Conductor material: copper wires
- Insulation material: Low-smoke and halogen-free polyolefin insulation
- Sheath material: Low-smoke, halogen-free polyolefin sheath
- Rated voltage: 300/500V
- Structure parameter:



Specification	Insulation nominal thickness	Sheath nominal thickness	20℃ DC resistance	70℃ insulation resistance
1×2×1mm ²	0.6mm	0.8mm	≤20.7Ω/km	≥0.010MΩ·km

Low-smoke and halogen-free flame-retardant performance

- Flame retardant grade: Class B bundle combustion
- Smoke density (transmittance): ≥60%,
- PH value: ≥4.3,
- Electric conductivity: ≤10μS/mm。

Mechanical properties of insulation and sheath

- Mechanical strength of insulation before aging: ≥9MPa
- Elongation at break of insulation before aging: ≥125%
- Mechanical strength of sheath before aging: ≥9MPa
- Elongation at break of sheath before aging: ≥125%



Product use environment

- cable laying temperature: Above 0℃
- Product service temperature: -20℃ ~ 70℃

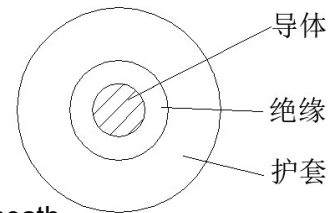
Copper core cross-linked polyolefin insulated low smoke zero halogen sheathed flame-retardant power cable WDZB-YJY

Product production and testing standards:

- GB/T 12706.1-2020 《Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um=1.2 kV) up to 35 kV (Um=40.5 kV)》
- GB/T 19666-2019《General Rules for Flame-retardant and Fire-Resistant Wires and Cables》

Product structure and performance:

- Conductor material: copper wires
- Insulating material: Cross-linked polyolefin insulation
- Sheath material: Low smoke zero halogen polyolefin sheath
- Rated voltage:0.6/1kV
- Structure parameter:



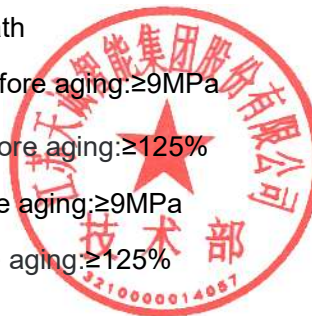
Specification	Insulation nominal thickness	Sheath nominal thickness	20℃ DC resistance	Insulation resistance constant at 90℃
1×1.5mm ²	0.7mm	1.4mm	≤12.1Ω/km	≥3.67MΩ·km

Low-smoke and halogen-free flame-retardant performance

- Flame retardant grade:Class B bundle combustion
- Smoke density(transmittance):≥60%,
- PH value:≥4.3,
- Electric conductivity:≤10μS/mm。

Mechanical properties of insulation and sheath

- Mechanical strength of insulation before aging:≥9MPa
- Elongation at break of insulation before aging:≥125%
- Mechanical strength of sheath before aging:≥9MPa
- Elongation at break of sheath before aging:≥125%



Product use environment

- cable laying temperature:Above 0℃
- Product service temperature:-20℃~90℃