

Pre-branch cable

• Introduction

Copper conductor; cross-linked polyethylene or polyvinyl chloride insulation; polyvinyl chloride or polyethylene or halogen-free low-smoke polyolefin sheath, suitable for air-laid building rated voltage 0.6/1KV and below power supply trunk lines and tunnels, bridge lighting lines and other similar uses. For example: high-rise buildings, subway tunnels, etc.

• Model

FZVV、FZYJV、WDZ-FZYJY、NH-FZYJV Etc.; Flame retardant class A B C.

• Application Areas

Low voltage, lighting, connections

Low voltage, factory connections

Low voltage, airports, subways

Power supply, urban grids

Power branches for commercial buildings

• Parameters

Rated voltage	0.6/1kV	Conductor material	Copper or aluminum
Conductor structure	Single or twisted conductor	Insulation thickness	Main line: 3.4 mm ~ 6.0 mm; branch line: 0.7 mm ~ 1.5 mm
Sheath material	Polyvinyl chloride (PVC), polyethylene (PE) or halogen-free and low-smoke materials	Sheath thickness	Main line: 2.0 mm ~ 3.5 mm; Branch line: 1.2 mm ~ 2.0 mm
Branch joint structure	Fully enclosed one-piece molding, made by heat shrink or molding process	Branch joint spacing	Customized according to user needs (such as 3m, 5m and other spacing)
Core number range	Trunk line: single core or multi-core; branch line: single core or multi-core	Operating temperature	-20°C ~ +90°C
Minimum bending radius	Fixed laying: 6 times of the cable outer diameter; Mobile laying: 10 times of the cable outer diameter	Laying method	Flame retardant performance complies with GB/T 18380.3, fire resistance performance complies with GB/T 19216
Number of branches	Customized according to customer needs, usually 2~10 branches	Applicable environment	Indoor, outdoor, underground, overhead installation

• Features

Efficient installation

- Pre-branching design boosts efficiency, cuts time.
- Integrated lines ensure strength and performance.

High reliability

- Advanced sealing, waterproof, corrosion-resistant.
- Halogen-free, low-smoke, eco-friendly.

Strong flexibility

- Acid, alkali, moisture, UV resistant.
- Wide temperature range, stable operation.

Excellent safety performance

- Flexible, easy to install.
- Multi-core, flexible design.

Cost savings

- Simplified construction reduces costs.
- Minimize failure, maintenance costs.

The cable should be packed in a wooden or steel reel to prevent moisture and shock. Avoid moisture, pressure or damage during transportation and ensure it is firmly fixed. Store in a dry and ventilated environment with a temperature of 5°C to 30°C and a humidity of less than 85%.