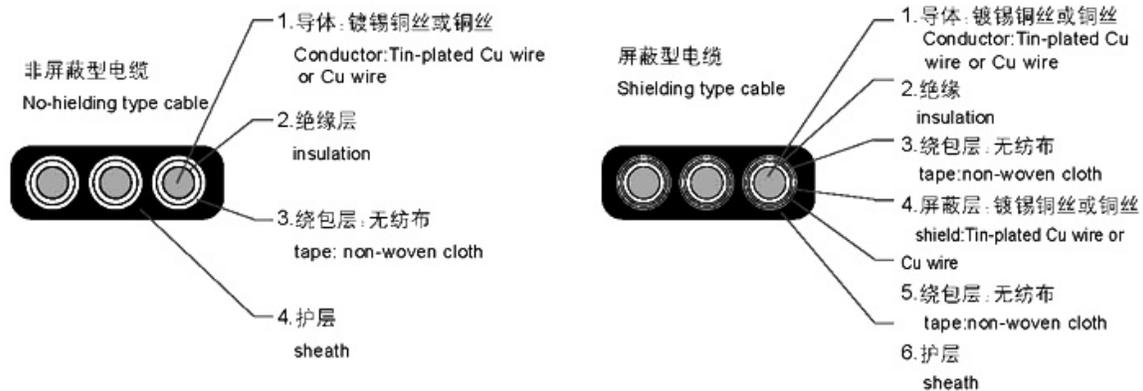




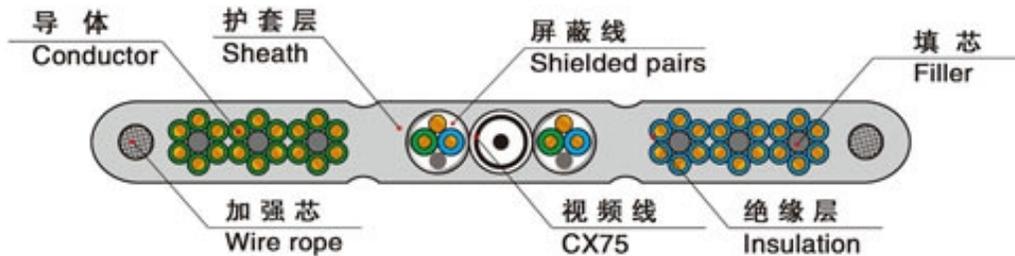
Custom flat flex cable a flat wire formed by combining many wires. The cable has low cost, light weight, strong toughness, and can be easily used in large equipment as well as in small equipment. Flat cables have the characteristics of heat radiation, cold resistance, acid and alkali resistance, etc., and the ambient temperature is -40~70°C. Flat cables are used for power connection and control signal lighting of various mobile power devices in the lifting, transportation, machinery, electrical, mining, and other industries with working voltage 450/750V or 0.6/1kv and ambient temperature of -40~180°C. Use nitrile compound for insulation and sheath, or high temperature resistant silicone rubber to improve the softness of the cable and the performance of anti-corrosion, cold and high temperature resistance.

Common Flat Cable

结构示意图 Schematic diagram of structure



Elevator Flat cable



TVVBPG-TV 300/500V $36 \times 0.75 + 2P \times 2 \times 0.75\text{mm}^2 + 1CX75$

Custom flat flex cable Structural features

- (1) The conductive core adopts a soft conductor structure to ensure that the cable has good flexibility and bending resistance.
- (2) Insulation and protective layer materials use butyl polymer or silicone rubber to improve the cable's softness, corrosion resistance, cold resistance, and high temperature resistance.
- (3) Color separation of insulated cores provides convenience for laying and installation.
- (4) Wire ropes or other load-bearing components can be added on both sides of the cable core according to customer needs. Meet the requirements of tensile use.

Flat cable use classification





1. It is suitable for crane industry or reel industry to meet the requirements of good chemical resistance, such as YVFB flat cable.
2. Suitable for high temperature resistant occasions, the common model is YGCB, suitable for temperature from -60-180 degrees.
3. Elevator flat cable, suitable for multiple types of cables to be assembled in one cable structure, such as video cables, control lines, power lines, tensile steel wires, etc., assembled in one flat cable.

Our company specializes in the production of various [flat cable](#), with rich experience, which can be customized according to your drawings or selected according to your requirements.