



【General-purpose rubber flexible cable】



DESCRIPTION

General-purpose rubber-sheathed flexible cables are commonly used in mobile equipment operating at 450/750V and below. They use multi-strand soft copper as the conductor and are equipped with rubber insulation and sheath. They are divided into three categories: YQ (light-duty), YZ (medium-duty), and YC (heavy-duty), suitable for household appliances, power tools, temporary construction site lines, port machinery, etc.

APPLIANCE

Suitable for mobile or semi-mobile locations such as mobile electrical equipment, power tools, construction machinery, temporary power supply for construction sites, lifting machinery, agricultural machinery, and small equipment connections. It can be used both indoors and outdoors and can be frequently bent and dragged.

PARAMETER

Implementation Standards	GB/T 5013.4-2008、JB/T 8735-2016
conductor type	Category 5/6 multi-strand stranded soft copper conductors
Rated voltage	YQ : 300/300V ; YZ : 300/500V ; YC : 450/750V
Operating temperature	≤65°C
Short circuit temperature	≤160°C (≤5s)
Minimum laying temperature	≥-10°C, preheating is required for temperatures below 0°C.
Minimum bending radius	Fixed installation: ≥6 times the outer diameter; Mobile installation: ≥10 times the outer diameter
Test voltage	300V: 2000V/5min; 450/750V: 2500V/5min
Insulation resistance (20°C)	≥50M · km (35mm ² and below)