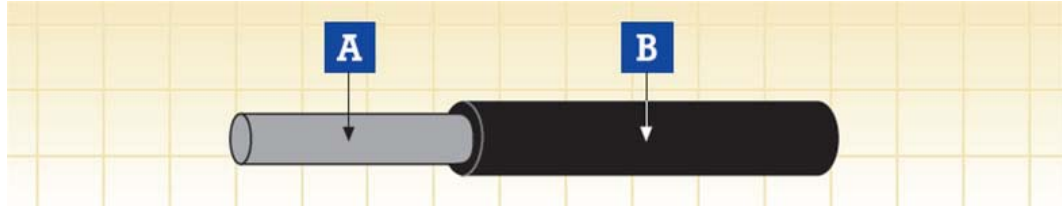




## Chinese Standard Rolling Stock Cables

### Silicon Rubber Cables YGC-KBR 1.5 kV



A. Conductor B. Insulation

#### Application

-Used as power and control cable for protected installations inside and outside of rail and transport vehicles, where handling and installation cost are an important factor.

-Used in control, auxiliary and main circuit wiring such as cable harnesses, switchboards and control panels, driver desks etc.

#### Construction

##### Conductor

Tinned annealed copper wires

##### Insulation

High tear strength silicon rubber

#### Electrical & Mechanical Properties

Nominal Voltage	1500V
Long-term Working Temperature	150°C
Short Circuit Temperature (5s)	300°C
Ambient Temperature	-50°C/+150°C
Minimum Bending Radius	3 x Overall Diameter

#### Fire Performance

Flame Retardant	GB/T18380.1-2001 DZ-1
Low Corrosivity (Acidity & Conductivity)	GB/T17650.1-1998; GB/T17650.2-1998
Halogen Free	GB/T17650.1-1998; GB/T17650.2-1998
Low Smoke	GB/T17651.1-1998; GB/T17651.2-1998

### YGC-KBR 1.5 kV

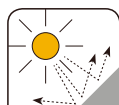
Nominal Cross-Sectional Area mm <sup>2</sup>	Stranding No/mm	Insulation Thickness mm	Maximum Overall Diameter mm	Weight kg/km	Maximum Conductor Resistance 20°C Ω/km
50	999/0.25	3.5	18.5	911	0.393
95	1936/0.25	3.5	22.5	1485	0.210



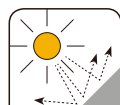
Impact Resistant



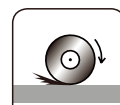
Highly Flexible



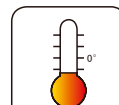
UV Resistant



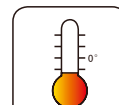
Ozone Resistant



Abrasion Retardant



Cold-resistant



Resistance To Soldering Heat



Acid&Alkaline Resistant



IRM 903  
Fuel Oil Resistant



IRM 902  
Mineral Oil Resistant



Fire Retardant  
NF C32-070-2.2(C2)  
IEC60332-3-24/EN50266-2-4



Flame Retardant  
NF C32-070-2.1(C1)  
IEC60332-1-2/EN50265-2-1



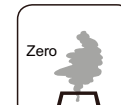
Low Toxicity  
NF X70-100/NF F63 808  
TM1-04/BS 6853



Low Corrosivity  
IEC60754-2/EN50267-2-2/3  
NF C32-074/VDE 0472-813



Low Smoke Emission  
IEC 61034-2 / EN 50268-2  
NF C32-073/VDE 0472-816



Zero Halogen  
IEC 60754-1/EN 50267-2-1  
NF C32-074/VDE 0472-815