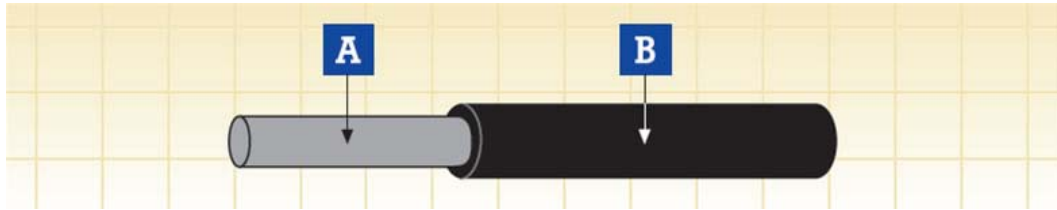




Chinese Standard Rolling Stock Cables

Low Smoke Halogen Free Flame Retardant Thin Wall Single Core Cables
WDZ-DCYJB-125, WDZ-DCYJB/2-125, WDZ-DCYJB/3-125
WDZ-DCYJB-150, WDZ-DCYJB/2-150, WDZ-DCYJB/3-150 750V



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 copper wires
- Separator (if available)
- Insulation
Cross-link polyolefin compound

Electrical & Mechanical Properties

- Nominal Voltage: 750V
- Long-term Working Temperature: 125°C (WDZ-DCYJB-125, WDZ-DCYJB/2-125, WDZ-DCYJB/3-125); 150°C (WDZ-DCYJB-150, WDZ-DCYJB/2-150, WDZ-DCYJB/3-150)
- Lowest Operation Temperature: -60°C
- Minimum Bending Radius: 6 x Overall Diameter

Fire Performance

- Flame Retardant: GB/T18380.1-2001; IEC 60332-3-25 D
- 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

WDZ-DCYJB-125, WDZ-DCYJB/2-125, WDZ-DCYJB/3-125
WDZ-DCYJB-150, WDZ-DCYJB/2-150, WDZ-DCYJB/3-150 750V

Nominal Cross-Sectional Area	Conductor Construction	Nominal Insulation Thickness	Maximum Overall Diameter	Maximum Conductor Resistance 20°C
mm ²	No/mm	mm	mm	Ω/km
0.5	19/0.18	0.3	1.5	40.1
0.75	19/0.23	0.3	1.75	26.7
1.0	19/0.26	0.3	1.85	20.0
1.2	19/0.28	0.3	2.00	17.6
1.5	19/0.32	0.3	2.15	13.7
2.0	19/0.37	0.3	2.45	10.0



Chinese Standard Rolling Stock Cables

Nominal Cross-Sectional Area	Conductor Construction	Nominal Insulation Thickness	Maximum Overall Diameter	Maximum Conductor Resistance 20°C
mm ²	No/mm	mm	mm	Ω/km
2.5	19/0.41	0.3	2.65	8.21
4	19/0.52	0.3	3.20	5.0
6	19/0.64	0.3	3.85	3.4

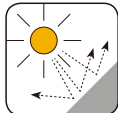
For WDZ-DCYJB, WDZ-DCYJB/2, WDZ-DCYJB/3 type:



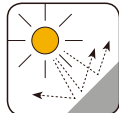
Impact Resistant



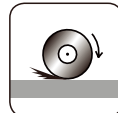
Highly Flexible



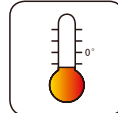
UV Resistant



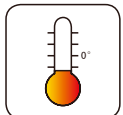
Ozone Resistant



Abrasion Retardant



Cold-resistant



Resistance To Soldering Heat



Acid&Alkaline 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

For WDZ-DCYJB/2 type:



IRM 902
Mineral Oil Resistant

For WDZ-DCYJB/3 type:



IRM 903
Fuel Oil Resistant



IRM 902
Mineral Oil Resistant