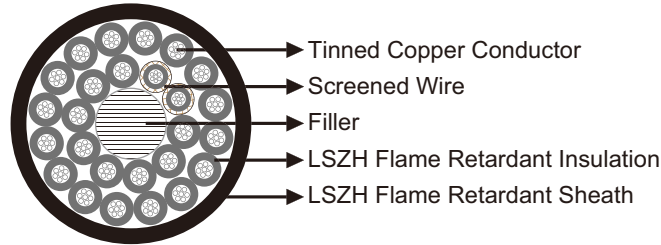




# Chinese Standard Rolling Stock Cables

## Low Smoke Halogen Free Flame Retardant Rolling Stock Multicore Jumper Cables WDJ-DCKPJ-100 300/500V



### 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

#### Unscreened Conductors

Tinned copper wires with low smoke halogen free flame retardant insulation

#### Screened Wires

2×1mm<sup>2</sup> tinned copper wires with low smoke halogen free flame retardant insulation and screen.

#### Filler

#### Sheath

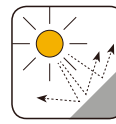
Low smoke halogen free flame retardant compound



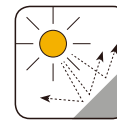
Corona Resistant



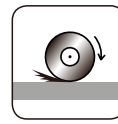
Highly Flexible



UV Resistant



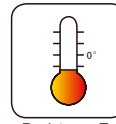
Ozone Resistant



Abrasion Resistant



Cold-resistant



Resistance To Soldering Heat



Acid&Alkaline Resistant

### Electrical & Mechanical Properties

Nominal Voltage	300/500V
Long-term Working Temperature	100°C
Lowest Operation Temperature	-25°C
Minimum Bending Radius	6 x Overall Diameter

### Fire Performance

Flame Retardant	GB/T 18380.1-2001; GB/T 18380.3-2001 C
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

### WDJ-DCKPJ-100

Number of conductor×Nominal Cross-Sectional Area mm <sup>2</sup>	Conductor Construction No/mm	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Maximum Conductor Resistance 20°C Ω/km
24×1.5+2×1	24×48/0.20+2×32/0.20	0.8/0.6	2.0	25.3	13.7/20.0



IRM 903  
Fuel Oil Resistant



IRM 902  
Mineral Oil Resistant



Fire Retardant  
NF C32-070-2.2(C2)  
IEC60332-3-24/EN50268-2-4



Flame Retardant  
NF C32-070-2.1(C1)  
IEC60332-1-2/EN50268-2-1



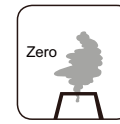
Low Toxicity  
NF X70-100/NF F63 808  
TMI-04/BS 6853



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



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



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