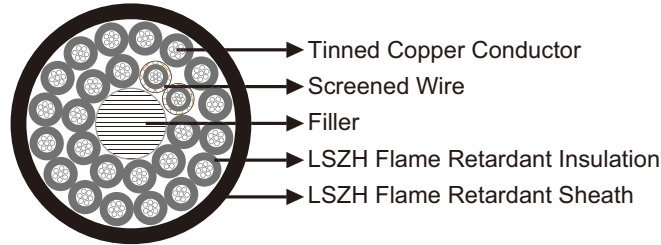




Chinese Standard Rolling Stock Cables

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

2×1mm² tinned copper wires with low smoke halogen free flame retardant insulation and screen.

Filler

Sheath

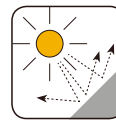
Low smoke halogen free flame retardant compound



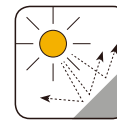
Corona Resistant



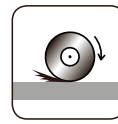
Highly Flexible



UV Resistant



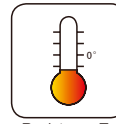
Ozone Resistant



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 ²	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



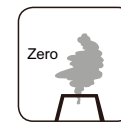
Low Toxicity
NF X70-100/NF F63 808
TMI-04/BS 6853



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