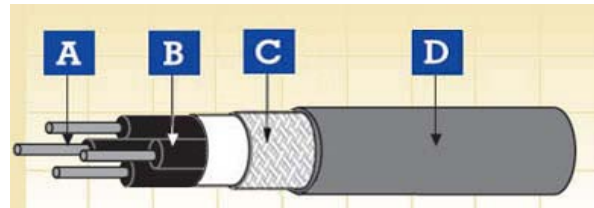




# Chinese Standard Rolling Stock Cables

## Screened Railway Passenger DC Power Connector Cables WDZ-DCKP-125 750V



A. Conductor B. Insulation C. Screen D. Sheath

### 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, auxillary and main circuit wiring such as cable harnesses, switchboards and control panels, driver desks etc.

### Construction

- Conductor
- Tinned copper wires
- Separator (if available)
- Insulation
- Low smoke halogen free flame retardant compound
- Filler
- Separator
- Screen
- Tinned copper braid
- Sheath
- Low smoke halogen free flame retardant compound

### Electrical & Mechanical Properties

Nominal Voltage	750V
Long-term Working Temperature	125°C
Lowest Operation Temperature	-40°C
Minimum Bending Radius	2 x Overall Diameter (OD≤10mm); 4 x Overall Diameter (10mm≤OD≤20mm); 6 x Overall Diameter (OD≥20mm)

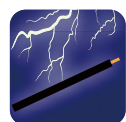
### Fire Performance

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

# Chinese Standard Rolling Stock Cables

## WDZ-DCK-125 750V

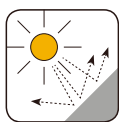
Number of conductor×Nominal Cross-Sectional Area	Conductor Construction	Overall Diameter	Weight	Maximum Conductor Resistance 20°C
mm <sup>2</sup>	No/mm	mm	kg/km	Ω/km
2×6	189/0.20	14.9	361	3.39
3×6	189/0.20	15.8	452	3.39
4×6	189/0.20	17.2	554	3.39
3×10	322/0.20	20.3	729	1.95
4×10	322/0.20	22.4	912	1.95
2×16	513/0.20	21.6	764	1.24
3×16	513/0.20	23.1	994	1.24
4×16	513/0.20	25.5	1252	1.24
2×25	798/0.20	25.2	1056	0.79
3×25	798/0.20	26.6	1367	0.79
4×25	798/0.20	29.8	1780	0.79
2×35	1121/0.20	27.8	1329	0.56
3×35	1121/0.20	29.5	1768	0.56
4×35	1121/0.20	32.9	2297	0.56
2×50	703/0.30	32.2	1819	0.393
3×50	703/0.30	34.5	2439	0.393
4×50	703/0.30	38.1	3130	0.393



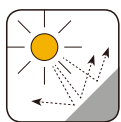
Corona Resistant



Highly Flexible



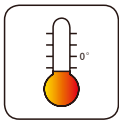
UV Resistant



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