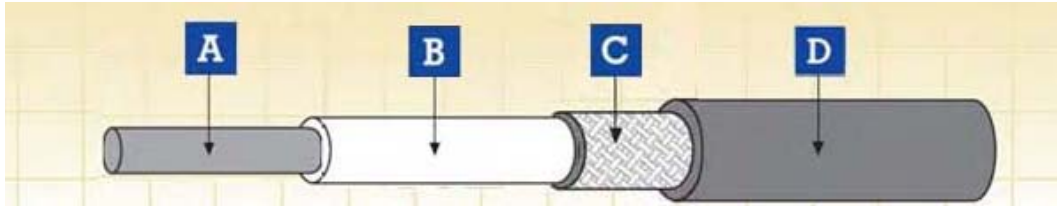


Chinese Standard Rolling Stock Cables

Non-halogen Flame-retardant Electromagnetic Shield Power Cables WD-PWYYRP-125 1.8/3 kV



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

Construction

Conductor

Soft tinned annealed brass wires

Insulation

125°C non-halogen flame-retardant compound

Screen

Tinned copper wire braid

Sheath

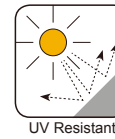
125°C non-halogen flame-retardant compound.



Impact Resistant



Highly Flexible



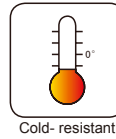
UV Resistant



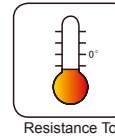
Ozone Resistant



Abrasion Retardant



Cold-resistant



Resistance To Soldering Heat



Acid&Alkaline Resistant

Electrical & Mechanical Properties

Nominal Voltage	1.8/3 kV
Long-term Working Temperature	125°C
Short Circuit Temperature (5s)	250°C
Long-term Working Ambient Temperature	-40°C/+70°C
Minimum Bending Radius	5 x Overall Diameter

Fire Performance

Flame Retardant	GB 12666.2-1990 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

WD-PWYYRP-125 1.8/3 kV

Nominal Cross-Sectional Area	Stranding	Insulation Thickness	Sheath Thickness	Maximum Overall Diameter	Weight	Maximum Conductor Resistance 20°C
mm ²	No/mm	mm	mm	mm	kg/km	Ω/km
35	1107/0.2	1.8	1.2	16.5	666	0.393
70	2220/0.2	1.9	1.5	21.0	1172	0.210



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



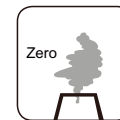
Low Toxicity
NF X70-100/NF F63 808
TM1-04/BS 6853



Low Corrosivity
IEC60754-2/EN50267-2-2/3
NF C32-074/VDE 0472-613



Low Smoke Emission
IEC 61034-2 / EN 50268-2
NF C32-073/VDE 0472-616



Zero Halogen
IEC 60754-1/EN 50267-2-1
NF C32-074/INDE 0472-615