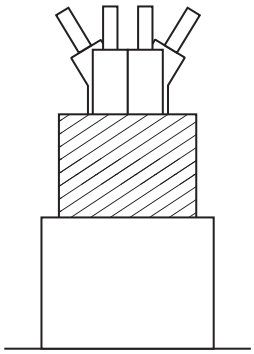
PVC Insulated Control Cable

• Standard :

European Standard: EN 50525-2



• Construction :

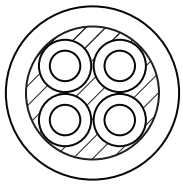
Conductor: High quality oxygen free copper
Insulation: PVC
Shielding(optional): copper wire weaving, copper tape wrapping
Outer sheath: PVC

• Application :

PVC insulated control cables are widely used in industrial automation, power systems, rail transit and other fields.

• Product Feature :

Rated voltage:	**450/750 V**
Conductor :	**high-quality oxygen free copper**
Insulation:	**PVC**
Shielding (optional):	**Copper wire weaving, copper tape wrapping**
Sheath:	**PVC**
Standard:	**EN 50525-2**
Normal operating temperature:	**≤ 70 °**
Short circuit (up to 5 seconds):	**160 °**



• Structural Parameters :

Nominal cross-section mm²	Insulation thickness mm	Sheath thickness mm	Max. conductor resistance at 20℃ (Ω/km)
0.5	0.6	-	≤36.0
0.75	0.6	-	≤24.5
1.0	0.6	-	≤18.1
1.5	0.7	-	≤12.1

o Unlisted models & specifications: structural parameters available for customisation upon customer request.

• Insulation/Sheath Surface Color :

R = red
Y = yellow
U = blue
W = white
B = black
G = green
P = purple
S = grey
N = brown
K = orange

• Packing & Delivery :

We provide professional packaging solutions, including standard cable reels, cartons or pallets, to ensure smooth product delivery. Each roll is labeled with full specification details for easy installation and use. Customized packaging is available for both sea and air transportation.