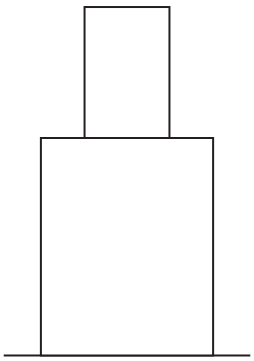
Low Voltage H05V2-U
PVC Insulated Flexible Wire

• Standard :

European Standard: EN 50525-2-11:2011



• Construction :

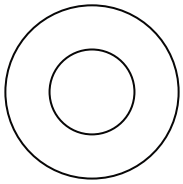
Conductor: Annealed copper conductor
Insulation: PVC insulated

• Application :

H05V2-U is a European-standard solid single-core rigid cable complying with EN 50525-2 / IEC 60227-3, rated at 300/500 V with heat-resistant PVC insulation. Its long-term operating temperature is 90 °C, and it shall be installed in conduits or trunking for fixed wiring.

• Product Feature :

Rated voltage:	**300/500V**
Conductor:	**High-quality oxygen-free copper**
Insulation:	**Temperature-resistant PVC**
Sheath:	**TI3 - PVC (if applicable)**
Standard:	**EN 50525-2-11:2011**
Operating temperature:	**≤90°C**
Short circuit (maximum duration: 5 seconds):	**Not exceeding 160°C**



• Structural Parameters :

Number of cores × 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

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.