

- High grade copper wire
- CU/PVC
- Class 5 flexible conductor
- Rated voltage: 300/500V or 450/750V
- Rated temperature: 70°C
- This product used for power transmission

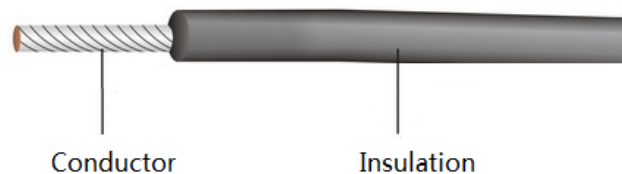


Photo for reference

Part number

PWYK-1C <u>XX</u> mm2- <u>XX</u>	Power cable, 1 core
1 2	
*1 indicate the single core section area	
*2 indicate the insulation color, the meaning of the numbers is in the "color code" table.	

For example:

Part No.	Description
PWYK-1C25mm2-BK	1x25mm ² , Class 5 copper conductor, Black PVC insulation
PWYK-1C25mm2-BL	1x25mm ² , Class 5 copper conductor, Blue PVC insulation

Color code

Insulation color: The meaning of the number is as below.

C.C.	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Yellow/Green*
Abb.(XX)	BL	OR	GN	BN	GY	WH	RD	BK	YW	VT	YG
*(For Yellow/Green) Green is the color stripe.											

Standard

Reference standard	IEC 60227
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Material and dimension

No.	Item		PWYK-1CXXmm2-XX
1	Conductor	Material	Annealed bare copper, IEC 60228 Class 5
		Quantity	1 core
2	Insulation	Material	PVC
Note: For larger cross section conductor, tape may also be used around conductor.			

PN	Max. Conductor resistance, 20°C (Ω/km)	Nom. Insulation thickness (mm)	Min. Insulation thickness, (mm)	Approx. Overall Diameter, (mm)
PWYK-1C0.5mm2-XX	39.0	0.6	0.44	2.2
PWYK-1C0.75mm2-XX	26.0	0.6	0.44	2.4
PWYK-1C1mm2-XX	19.5	0.6	0.44	2.5
PWYK-1C1.5mm2-XX	13.3	0.7	0.53	3.0
PWYK-1C2.5mm2-XX	7.98	0.8	0.62	3.7
PWYK-1C4mm2-XX	4.95	0.8	0.62	4.2
PWYK-1C6mm2-XX	3.30	0.8	0.62	4.8
PWYK-1C10mm2-XX	1.91	1.0	0.80	6.3
PWYK-1C16mm2-XX	1.21	1.0	0.80	7.3
PWYK-1C25mm2-XX	0.780	1.2	0.98	9.0
PWYK-1C35mm2-XX	0.554	1.2	0.98	10.7
PWYK-1C50mm2-XX	0.386	1.4	1.16	12.7
PWYK-1C70mm2-XX	0.272	1.4	1.16	14.4
PWYK-1C95mm2-XX	0.206	1.6	1.34	16.5
PWYK-1C120mm2-XX	0.161	1.6	1.34	18.2
PWYK-1C150mm2-XX	0.129	1.8	1.52	20.4
PWYK-1C185mm2-XX	0.106	2.0	1.70	22.8
PWYK-1C240mm2-XX	0.0801	2.2	1.88	25.4

Technical data

Rated voltage	0.5~1.0mm ² : 300/500 V 1.5~240mm ² : 450/750 V
Dielectric Strength	AC 2500V, 5min, no breakdown
Rated temperature	-15°C ~ 70°C
RoHS	Compliant
Min. bending radius	6D (D= overall diameter)
Flame retardant	IEC 60332-1-2

Marking on cable

PROSE _ PWYK-1CXXmm2-XX _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PWYK-1CXXmm2-XX means the product number, and the PN in the actual order shall prevail.
Remark3: (DD+MM+SS+YY+NNNNN) means cable code.
Remark4: XXXXm means cable meter.

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