

- High grade copper wire
- CU/PVC
- Solid or stranded conductor
- Rated voltage: 450/750V
- Rated temperature: 70°C
- This product used for power transmission

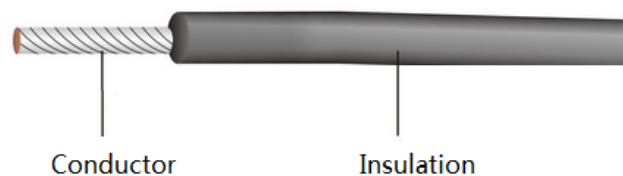


Photo for reference

Part number

PWYR-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
PWYR-1C4mm2-YG	1x4mm ² , Copper conductor, Yellow/Green PVC insulation
PWYR-1C16mm2-YG	1x16mm ² , Copper conductor, Yellow/Green 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		PWYR-1CXXmm2-XX	
1	Conductor	Material	Annealed bare copper	Class 1 for section $\leq 6\text{mm}^2$ Class 2 for others
		Quantity	1 core	
2	Insulation	Material	PVC	

PN	Max. Conductor resistance, 20°C (Ω/km)	Nom. Insulation thickness (mm)	Approx. Overall Diameter, (mm)
PWYR-1C1.5mm2-XX	12.1	0.7	2.9
PWYR-1C2.5mm2-XX	7.41	0.8	3.4
PWYR-1C4mm2-XX	4.61	0.8	3.9
PWYR-1C6mm2-XX	3.08	0.8	4.4
PWYR-1C10mm2-XX	1.83	1.0	6.1
PWYR-1C16mm2-XX	1.15	1.0	7.1
PWYR-1C25mm2-XX	0.727	1.2	8.8
PWYR-1C35mm2-XX	0.524	1.2	10.0
PWYR-1C50mm2-XX	0.387	1.4	11.7
PWYR-1C70mm2-XX	0.268	1.4	13.5
PWYR-1C95mm2-XX	0.193	1.6	15.9
PWYR-1C120mm2-XX	0.153	1.6	17.4
PWYR-1C150mm2-XX	0.124	1.8	19.4
PWYR-1C185mm2-XX	0.0991	2.0	21.7
PWYR-1C240mm2-XX	0.0754	2.2	24.6
PWYR-1C300mm2-XX	0.0601	2.4	27.5
PWYR-1C400mm2-XX	0.0470	2.6	30.9

Technical data

Rated voltage	450/750 V
Dielectric Strength	AC 2500V, 5min, no breakdown
Rated temperature	-15°C ~ 70°C
RoHS	Compliant
Min. bending radius	8D (D= overall diameter)
Flame retardant	IEC 60332-1-2

Marking on cable

PROSE _ PWYR-1CXXmm2-XX _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PWYR-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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