

- High grade copper wire
- CU/PVC/CCABS/PVC
- Class 5 flexible conductor
- Rated temperature: 70°C
- This product used for power transmission

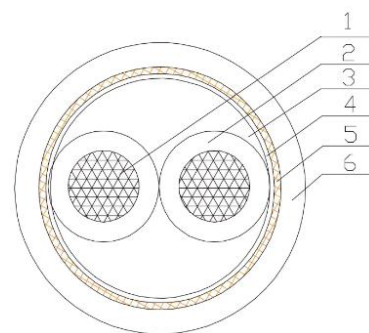


Photo for reference

Part number

PWYYK-S2-2CXXmm2-X	Shielded power cable, 2 cores
1 2	
*1 indicate the single core section area	
*2 indicate the insulation colour, the meaning of the numbers is in the "colour code" table.	

For example:

Part No.	Description
PWYYK-S2-2C16mm2-1	2x16mm ² , Class 5 conductor, Blue and Brown PVC insulation, Black PVC sheath, Copper clad aluminium wire braiding

Colour code

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

Number	0	1	2	3	4	5	6
Colour	Red, Blue	Blue, Brown	Blue, Black	Blue, Grey	Black, Grey	Red, Black	Black, White

Sheath colour: Black

Material and dimension

No.	Item		PWYYK-S2-2CXXmm2-X
1	Conductor	Material	Annealed bare copper, IEC 60228 class 5
		Quantity	2 cores
2	Insulation	Material	PVC
3	Filler	Material	Optional
4	Tape	Material	Optional
5	Shield	Material	Copper clad aluminium wire braid
		Coverage	≥80%
6	Sheath	Material	PVC

Noted: 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. Sheath thickness (mm)	Approx. Overall Diameter, (mm)
PWYYK-S2-2C1mm2-X	19.5	0.6	0.75	8
PWYYK-S2-2C1.5mm2-X	13.3	0.7	0.75	8.9
PWYYK-S2-2C2.5mm2-X	7.98	0.8	0.75	10.2
PWYYK-S2-2C4mm2-X	4.95	0.8	0.92	11.6
PWYYK-S2-2C6mm2-X	3.30	0.8	0.92	12.7
PWYYK-S2-2C10mm2-X	1.91	1.0	1.09	16.9
PWYYK-S2-2C16mm2-X	1.21	1.0	1.09	18.7
PWYYK-S2-2C25mm2-X	0.78	1.2	1.09	22.5
PWYYK-S2-2C35mm2-X	0.554	1.2	1.26	25.1
PWYYK-S2-2C50mm2-X	0.386	1.4	1.26	28.9

Technical data

Rated voltage	2x1.0mm ² : 450/750V 2x(1.5~50)mm ² : 0.6/1kV
Dielectric Strength	450/750V: AC 3000V, 5min, no breakdown 0.6/1kV: AC 3500V, 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 _ PWYYK-S2-2CXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PWYYK-S2-2CXXmm2-X 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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