

PW2XHK-S-2CXXmm2-X

Shielded power cable

PROSE

- High grade copper wire
- CU/XLPE/CBS/LSZH
- Class 5 flexible conductor
- Rated operating voltage: 0.6/1kV
- Rated temperature: 90°C
- This product used for power transmission

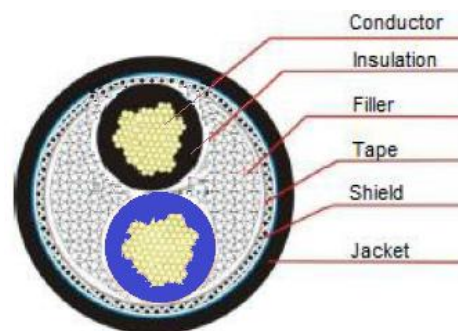


Photo for reference

Part number

PW2XHK-S-2C <u>XX</u> mm2- <u>X</u>	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
PW2XHK-S-2C16mm2-2	2x16mm ² , Class 5 conductor, Blue and Black XLPE insulation, Black LSZH sheath, Copper 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		PW2XHK-S-2CXXmm2-X
1	Conductor	Material	Annealed bare copper, IEC 60228 class 5
		Quantity	2 cores
2	Insulation	Material	XLPE
3	Filler	Material	Optional
4	Tape	Material	Optional
5	Shield	Material	Bare copper wire braid
		Coverage	≥80%
6	Sheath	Material	LSZH

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)
PW2XHK-S-2C1.5mm2-X	13.3	0.7	0.75	8.6
PW2XHK-S-2C2.5mm2-X	7.98	0.7	0.75	9.5
PW2XHK-S-2C4mm2-X	4.95	0.7	0.92	11.0
PW2XHK-S-2C6mm2-X	3.30	0.7	0.92	12.2
PW2XHK-S-2C10mm2-X	1.91	0.7	1.09	15.6
PW2XHK-S-2C16mm2-X	1.21	0.7	1.09	17.6
PW2XHK-S-2C25mm2-X	0.78	0.9	1.09	21.4
PW2XHK-S-2C35mm2-X	0.554	0.9	1.26	24.0

Technical data

Rated voltage	0.6/1 kV
Dielectric Strength	AC 3500V, 5min, no breakdown
Min. Installation temperature, (°C)	0
Rated operating temperature	-15°C ~ +90°C
RoHS	Compliant
Flame retardant	IEC 60332-1-2
Halogen free	IEC 60754-1, IEC 60754-2
Low smoke	IEC 61034-2
UV resistance for black sheath, (UL 1581-1200)	Compliant
Min. Bending radius, (mm)	8×D, (Outer diameter)

Marking on cable

PROSE _ PW2XHK-S-2CXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PW2XHK-S-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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