

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

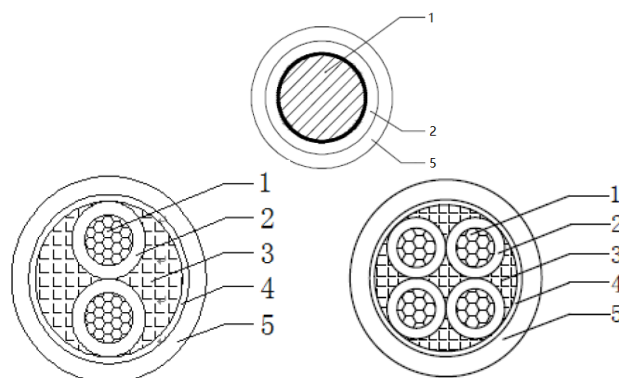


Photo for reference

Part number

PW2XHK6- XCXX mm2-X	Power cable
1 2 3	
*1 indicate the core quantity, 1-1core, 2-2cores, 3-3cores, 4-4cores, 5-5cores.	
*2 indicate the single core section area.	
*3 indicate the insulation colour, the meaning of the number or letter is in the "colour code" table.	

For example:

Part No.	Description
PW2XHK6-1C10mm2-BK	1x10mm ² , Class 5, Black XLPE insulation, Black LSZH sheath
PW2XHK6-2C10mm2-1	2x10mm ² , Class 5, Blue and Brown XLPE insulation, Black LSZH sheath

Colour code

Insulation Color: The meaning of the number or letter is as below.

1 core:

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

2 cores:

Number	0	1	2	3	4	5	6
Color	Red, Blue	Blue, Brown	Blue, Black	Blue, Grey	Black, Grey	Red, Black	Black, White
Number	7	8					
Color	Blue, White	Red, White					

3 cores:

Number	0	1	2	3
Color	Yellow, Green, Red	Blue, Black, Brown	Blue, Brown, Yellow/Green	Red, Yellow, Blue
Number	4	5	6	7
Color	Brown, Black, Grey	Red, Blue, Yellow/Green	Black, White, Red	Black, Blue, Green

Number	8	9	10	11
Color	Black, Blue, Yellow/Green	Brown, Black, Yellow/Green	Blue, Brown, Green	Black, White, Green
4 cores:				
Number	0	1	2	
Color	Blue, Yellow, Green, Red	Blue, Brown, Black, Grey	Red, Blue, Yellow, Black	
Number	3	4	5	
Color	Grey, White, Red, Blue	Blue, Brown, Black, Yellow/Green	Black, Brown, Grey, Yellow/Green	
Number	6	7		
Color	Blue, Brown, Red, Black	Red, Yellow, Green, Black		
5 cores:				
Number	0	1		
Color	Blue, Yellow, Green, Red, Black	Yellow/Green, Blue, Brown, Black, Grey		
Number	2	3		
Color	Red, Yellow, Blue, Brown, Green	Black insulation with white number (1-5)		
Number	4	5		
Color	Yellow/Green, Red, Yellow, Blue, Black	Blue, Yellow, Green, Red, Yellow/Green		
Sheath Color: Black				

Standard

Ref. standard	IEC 60502-1
---------------	-------------

Material and dimension

No.	Item		PW2XHK6-XCXXmm2-X	
1	Conductor	Material	Annealed bare copper	Class 5
2	Insulation	Material	XLPE	
3	Filler	Material	As needed	
4	Tape	Material	As needed	
5	Sheath	Material	LSZH, ST8	
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)
PW2XHK6-1C1.5mm2-X	13.3	0.7	0.92	5.4
PW2XHK6-1C2.5mm2-X	7.98	0.7	0.92	5.9
PW2XHK6-1C4mm2-X	4.95	0.7	0.92	6.4
PW2XHK6-1C6mm2-X	3.30	0.7	0.92	7.0
PW2XHK6-1C10mm2-X	1.91	0.7	0.92	8.3

PW2XHK6-1C16mm2-X	1.21	0.7	0.92	9.5
PW2XHK6-1C25mm2-X	0.780	0.9	0.92	11.3
PW2XHK6-1C35mm2-X	0.554	0.9	0.92	12.5
PW2XHK6-1C50mm2-X	0.386	1.0	0.92	14.3
PW2XHK6-1C70mm2-X	0.272	1.1	0.92	16.2
PW2XHK6-1C95mm2-X	0.206	1.1	1.00	18.1
PW2XHK6-1C120mm2-X	0.161	1.2	1.00	19.9
PW2XHK6-2C1.5mm2-X	13.3	0.7	1.24	9.7
PW2XHK6-2C2.5mm2-X	7.98	0.7	1.24	10.7
PW2XHK6-2C4mm2-X	4.95	0.7	1.24	11.7
PW2XHK6-2C6mm2-X	3.30	0.7	1.24	12.9
PW2XHK6-2C10mm2-X	1.91	0.7	1.24	15.5
PW2XHK6-2C16mm2-X	1.21	0.7	1.24	17.8
PW2XHK6-2C25mm2-X	0.780	0.9	1.24	21.4
PW2XHK6-2C35mm2-X	0.554	0.9	1.24	23.8
PW2XHK6-2C50mm2-X	0.386	1.0	1.24	27.4
PW2XHK6-2C70mm2-X	0.272	1.1	1.24	31.2
PW2XHK6-2C95mm2-X	0.206	1.1	1.40	34.9
PW2XHK6-2C120mm2-X	0.161	1.2	1.48	38.7
PW2XHK6-3C1.5mm2-X	13.3	0.7	1.24	10.2
PW2XHK6-3C2.5mm2-X	7.98	0.7	1.24	11.2
PW2XHK6-3C4mm2-X	4.95	0.7	1.24	12.3
PW2XHK6-3C6mm2-X	3.30	0.7	1.24	13.6
PW2XHK6-3C10mm2-X	1.91	0.7	1.24	16.4
PW2XHK6-3C16mm2-X	1.21	0.7	1.24	18.9
PW2XHK6-3C25mm2-X	0.780	0.9	1.24	22.8
PW2XHK6-3C35mm2-X	0.554	0.9	1.24	25.4
PW2XHK6-3C50mm2-X	0.386	1.0	1.24	29.2
PW2XHK6-3C70mm2-X	0.272	1.1	1.32	33.5
PW2XHK6-3C95mm2-X	0.206	1.1	1.40	37.3
PW2XHK6-4C1.5mm2-X	13.3	0.7	1.24	11.0
PW2XHK6-4C2.5mm2-X	7.98	0.7	1.24	12.2
PW2XHK6-4C4mm2-X	4.95	0.7	1.24	13.4
PW2XHK6-4C6mm2-X	3.30	0.7	1.24	14.8
PW2XHK6-4C10mm2-X	1.91	0.7	1.24	18.0
PW2XHK6-4C16mm2-X	1.21	0.7	1.24	20.7
PW2XHK6-4C25mm2-X	0.780	0.9	1.24	25.1
PW2XHK6-4C35mm2-X	0.554	0.9	1.24	28.0
PW2XHK6-4C50mm2-X	0.386	1.0	1.32	32.5
PW2XHK6-4C70mm2-X	0.272	1.1	1.40	37.2

PW2XHK6-4C95mm2-X	0.206	1.1	1.48	41.5
PW2XHK6-5C1.5mm2-X	13.3	0.7	1.24	11.8
PW2XHK6-5C2.5mm2-X	7.98	0.7	1.24	13.2
PW2XHK6-5C4mm2-X	4.95	0.7	1.24	14.5
PW2XHK6-5C6mm2-X	3.30	0.7	1.24	16.1
PW2XHK6-5C10mm2-X	1.91	0.7	1.24	19.6
PW2XHK6-5C16mm2-X	1.21	0.7	1.24	22.7
PW2XHK6-5C25mm2-X	0.780	0.9	1.24	27.6
PW2XHK6-5C35mm2-X	0.554	0.9	1.24	30.8
PW2XHK6-5C50mm2-X	0.386	1.0	1.40	36.0
PW2XHK6-5C70mm2-X	0.272	1.1	1.48	41.4
PW2XHK6-5C95mm2-X	0.206	1.1	1.64	46.3

Technical data

Rated voltage	0.6/1 kV
Dielectric Strength	AC 3500V, 5min, no breakdown
Rated temperature	-15°C ~ 90°C
RoHS	Compliant
Min. bending radius	12D (D= overall diameter)
Flame retardant	IEC 60332-1-2
Halogen free	IEC 60754-1, IEC 60754-2
Low smoke	IEC 61034-2

Marking on cable

PROSE _ PW2XHK6-XCXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PW2XHK6-XCXXmm2-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.

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.