

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

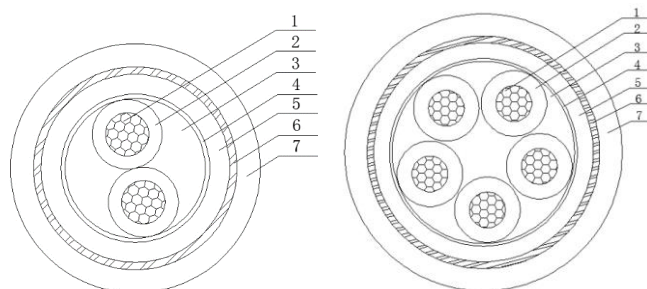


Photo for reference

Part number

PW2XHR6-STA- <u>X</u> C <u>X</u> Xmm2- <u>X</u>	Armored power cable
1 2 3	
*1 indicate the core quantity, 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 is in the "colour code".	

For example:	
Part No.	Description
PW2XHR6-STA-2C6mm2-0	2*6 mm ² , Red and Blue XLPE insulation, Black LSZH inner sheath, Galvanized steel tapes armor, Black LSZH outer sheath
PW2XHR6-STA-5C10mm2-0	5*10 mm ² , Blue, Yellow, Green, Red and Black XLPE insulation, Black LSZH inner sheath, Galvanized steel tapes armor, Black LSZH outer sheath

Colour code

Insulation colour: The meaning of the number or letter is as below.							
2 cores:							
Number	0	1	2	3	4	5	6
Colour	Red, Blue	Blue, Brown	Blue, Black	Blue, Grey	Black, Grey	Red, Black	Black, White
Number	7	8					
Colour	Blue, White	Red, White					
3 cores:							
Number	0	1	2	3			
Colour	Yellow, Green, Red	Blue, Black, Brown	Blue, Brown, Yellow/Green	Red, Yellow, Blue			
Number	4	5	6	7			
Colour	Brown, Black, Grey	Red, Blue, Yellow/Green	Black, White, Red	Black, Blue, Green			
Number	8	9	10	11			
Colour	Black, Blue, Yellow/Green	Brown, Black, Yellow/Green	Blue, Brown, Green	Black, White, Green			

4 cores:			
Number	0	1	2
Colour	Blue, Yellow, Green, Red	Blue, Brown, Black, Grey	Red, Blue, Yellow, Black
Number	3	4	5
Colour	Grey, White, Red, Blue	Blue, Brown, Black, Yellow/Green	Black, Brown, Grey, Yellow/Green
Number	6	7	
Colour	Blue, Brown, Red, Black	Red, Yellow, Green, Black	
5 cores:			
Number	0	1	2
Colour	Blue, Yellow, Green, Red, Black	Yellow/Green, Blue, Brown, Black, Grey	Red, Yellow, Blue, Brown, Green
Number	3	4	
Colour	Black insulation with white number (1-5)	Yellow/Green, Red, Yellow, Blue, Black	
Number	5	6	
Colour	Blue, Yellow, Green, Red, Yellow/Green	Black, Red, Blue, White, Yellow/Green	
Inner sheath colour: Black			
Outer sheath colour: Black			

Standard

Ref. standard	IEC 60502-1
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Material and dimension

No.	Item		PW2XHR6-STA-XCXXmm2-X	
1	Conductor	Material	Annealed bare copper	Class 1 for section $\leq 6\text{mm}^2$ Class 2 for others
2	Insulation	Material	XLPE	
3	Filler	Material	Optional	
4	Tape	Material	Optional	
5	Inner sheath	Material	LSZH	
6	Armor	Material	Galvanized steel tape	
7	Outer sheath	Material	LSZH	

PN	Max. Conductor resistance, 20°C (Ω/km)	Nom. Insulation thickness (mm)	Nom. Armor metal tape thickness (mm)	Min. Outer sheath thickness (mm)	Approx. Overall Diameter, (mm)
PW2XHR6-STA-2C2.5mm2-X	7.41	0.7	0.20	1.24	13.0
PW2XHR6-STA-2C4mm2-X	4.61	0.7	0.20	1.24	14.0

PW2XHR6-STA-2C6mm2-X	3.08	0.7	0.20	1.24	15.0
PW2XHR6-STA-2C10mm2-X	1.83	0.7	0.20	1.24	17.6
PW2XHR6-STA-2C16mm2-X	1.15	0.7	0.20	1.24	19.6
PW2XHR6-STA-2C25mm2-X	0.727	0.9	0.20	1.24	22.6
PW2XHR6-STA-2C35mm2-X	0.524	0.9	0.20	1.24	24.8
PW2XHR6-STA-2C50mm2-X	0.387	1.0	0.20	1.24	27.2
PW2XHR6-STA-2C70mm2-X	0.268	1.1	0.20	1.32	31.4
PW2XHR6-STA-2C95mm2-X	0.193	1.1	0.20	1.40	34.8
PW2XHR6-STA-3C2.5mm2-X	7.41	0.7	0.20	1.24	13.5
PW2XHR6-STA-3C4mm2-X	4.61	0.7	0.20	1.24	14.6
PW2XHR6-STA-3C6mm2-X	3.08	0.7	0.20	1.24	15.7
PW2XHR6-STA-3C10mm2-X	1.83	0.7	0.20	1.24	18.5
PW2XHR6-STA-3C16mm2-X	1.15	0.7	0.20	1.24	20.6
PW2XHR6-STA-3C25mm2-X	0.727	0.9	0.20	1.24	23.9
PW2XHR6-STA-3C35mm2-X	0.524	0.9	0.20	1.24	26.2
PW2XHR6-STA-3C50mm2-X	0.387	1.0	0.20	1.32	29.0
PW2XHR6-STA-3C70mm2-X	0.268	1.1	0.20	1.40	33.5
PW2XHR6-STA-3C95mm2-X	0.193	1.1	0.50	1.56	38.9
PW2XHR6-STA-4C2.5mm2-X	7.41	0.7	0.20	1.24	14.3
PW2XHR6-STA-4C4mm2-X	4.61	0.7	0.20	1.24	15.6
PW2XHR6-STA-4C6mm2-X	3.08	0.7	0.20	1.24	16.8
PW2XHR6-STA-4C10mm2-X	1.83	0.7	0.20	1.24	19.9
PW2XHR6-STA-4C16mm2-X	1.15	0.7	0.20	1.24	22.3
PW2XHR6-STA-4C25mm2-X	0.727	0.9	0.20	1.24	25.9
PW2XHR6-STA-4C35mm2-X	0.524	0.9	0.20	1.24	28.6
PW2XHR6-STA-4C50mm2-X	0.387	1.0	0.20	1.40	31.8
PW2XHR6-STA-4C70mm2-X	0.268	1.1	0.50	1.48	38.5
PW2XHR6-STA-4C95mm2-X	0.193	1.1	0.50	1.64	42.7
PW2XHR6-STA-5C2.5mm2-X	7.41	0.7	0.20	1.24	15.3
PW2XHR6-STA-5C4mm2-X	4.61	0.7	0.20	1.24	16.6
PW2XHR6-STA-5C6mm2-X	3.08	0.7	0.20	1.24	18.0
PW2XHR6-STA-5C10mm2-X	1.83	0.7	0.20	1.24	21.5
PW2XHR6-STA-5C16mm2-X	1.15	0.7	0.20	1.24	24.2
PW2XHR6-STA-5C25mm2-X	0.727	0.9	0.20	1.24	28.2
PW2XHR6-STA-5C35mm2-X	0.524	0.9	0.20	1.32	31.4
PW2XHR6-STA-5C50mm2-X	0.387	1.0	0.20	1.48	35.0
PW2XHR6-STA-5C70mm2-X	0.268	1.1	0.50	1.56	42.2
PW2XHR6-STA-5C95mm2-X	0.193	1.1	0.50	1.72	47.1

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 _ PW2XHR6-STA-XCXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PW2XHR6-STA-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.

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