

PW2XHR6-STA-1CXXmm2-X

Armored power cable

PROSE

- High grade copper wire
- CU/XLPE/LSZH/NMSTA/LSZH
- Class 1 or Class 2 conductor
- Rated voltage: 0.6/1kV
- Rated temperature: 90°C
- This product used for power transmission

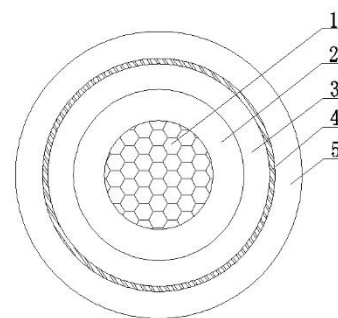


Photo for reference

Part number

PW2XHR6-STA- <u>1</u> C <u>XX</u> mm2- <u>X</u>	Armored power cable
1 2 3	
*1 indicate the core quantity, 1-1 core.	
*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-1C10mm2-BK	1*10 mm ² , Black XLPE insulation, Black LSZH inner sheath, non-magnetic stainless steel tapes armor, Black LSZH outer sheath

Colour code

Insulation colour: 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
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-1CXXmm2-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	Inner sheath	Material	LSZH	
4	Aarmor	Material	Non-magnetic stainless steel tape	
5	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-1C6mm2-X	3.08	0.7	0.20	0.92	9.5
PW2XHR6-STA-1C10mm2-X	1.83	0.7	0.20	0.92	10.8
PW2XHR6-STA-1C16mm2-X	1.15	0.7	0.20	0.92	11.8
PW2XHR6-STA-1C25mm2-X	0.727	0.9	0.20	0.92	13.3
PW2XHR6-STA-1C35mm2-X	0.524	0.9	0.20	0.92	14.4
PW2XHR6-STA-1C50mm2-X	0.387	1.0	0.20	1.00	15.8
PW2XHR6-STA-1C70mm2-X	0.268	1.1	0.20	1.00	17.8
PW2XHR6-STA-1C95mm2-X	0.193	1.1	0.20	1.08	19.6
PW2XHR6-STA-1C120mm2-X	0.153	1.2	0.20	1.08	21.2

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-1CXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within $\pm 0.5\%$ accuracy.
Remark2: PW2XHR6-STA-1CXXmm2-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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