

PWYYR6-STA-1CXXmm2-X

Armored power cable

PROSE

- High grade copper wire
- CU/PVC/PVC/NMSTA/PVC
- Class 1 or Class 2 conductor
- Rated voltage: 0.6/1kV
- Rated temperature: 70°C
- This product used for power transmission

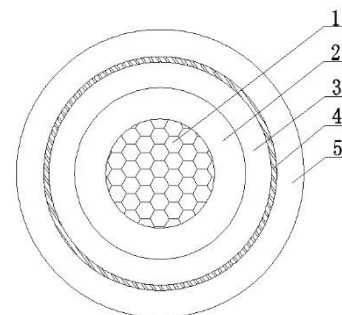


Photo for reference

Part number

PWYYR6-STA-1CXXmm2-X	Armored power cable, 1 core
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
PWYYR6-STA-1C50mm2-BK	1*50mm ² , Black PVC insulation, Black PVC inner sheath and outer sheath, non-magnetic stainless steel tape armor

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		PWYYR6-STA-1CXXmm2-X	
1	Conductor	Material	Annealed bare copper	Class 1 for section $\leq 6\text{mm}^2$ Class 2 for others
		Quantity	1 core	
2	Insulation	Material	PVC/A	

3	Inner sheath	Material	PVC
4	Aarmor	Material	Non-magnetic stainless steel tape
5	Outer sheath	Material	PVC, ST1

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)
PWYYR6-STA-1C6mm2-X	3.08	1.0	0.20	0.92	10.1
PWYYR6-STA-1C10mm2-X	1.83	1.0	0.20	0.92	11.4
PWYYR6-STA-1C16mm2-X	1.15	1.0	0.20	0.92	12.4
PWYYR6-STA-1C25mm2-X	0.727	1.2	0.20	0.92	13.9
PWYYR6-STA-1C35mm2-X	0.524	1.2	0.20	0.92	15.0
PWYYR6-STA-1C50mm2-X	0.387	1.4	0.20	1.00	16.6
PWYYR6-STA-1C70mm2-X	0.268	1.4	0.20	1.00	18.4
PWYYR6-STA-1C95mm2-X	0.193	1.6	0.20	1.08	20.6
PWYYR6-STA-1C120mm2-X	0.153	1.6	0.20	1.16	22.2

Technical data

Rated voltage	0.6/1 kV
Dielectric Strength	AC 3500V, 5min, no breakdown
Rated temperature	-15°C ~ +70°C
RoHS	Compliant
Min. bending radius	12D (D= overall diameter)
Flame retardant	IEC 60332-1-2

Marking on cable

PROSE _ PWYYR6-STA-1CXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PWYYR6-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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