

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

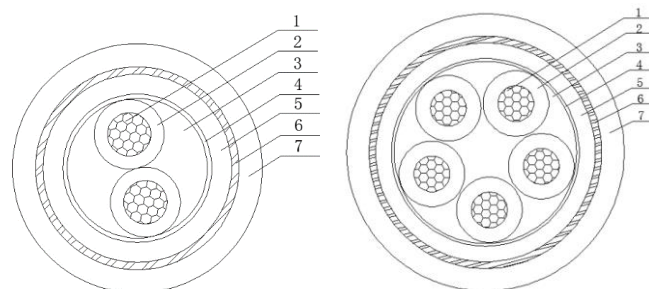


Photo for reference

Part number

PWYYR6-STA- <u>X</u> <u>C</u> <u>X</u> <u>X</u> mm2- <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
PWYYR6-STA-2C6mm2-1	2*6 mm ² , Blue and Brown PVC insulation, Black PVC inner sheath and outer sheath, Galvanized steel tapes armor
PWYYR6-STA-5C10mm2-1	5*10 mm ² , Yellow/Green, Blue, Brown, Black and Grey PVC insulation, Black PVC inner sheath and outer sheath, Galvanized steel tapes armor

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
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
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	

5 cores:			
Number	0	1	2
Colour	Blue, Yellow, Green, Red, Black	Yellow/Green, Blue, Brown, Black, Grey	Red, Yellow, Blue, Brown, Green
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-XCXXmm2-X	
1	Conductor	Material	Annealed bare copper	Class 1 for section $\leq 6\text{mm}^2$ Class 2 for others
2	Insulation	Material	PVC/A	
3	Filler	Material	Optional	
4	Tape	Material	Optional	
5	Inner sheath	Material	PVC, ST1	
6	Armor	Material	Galvanized steel tape	
7	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-2C4mm2-X	4.61	1.0	0.20	1.24	15.2
PWYYR6-STA-2C6mm2-X	3.08	1.0	0.20	1.24	16.2
PWYYR6-STA-2C10mm2-X	1.83	1.0	0.20	1.24	18.8
PWYYR6-STA-2C16mm2-X	1.15	1.0	0.20	1.24	20.8
PWYYR6-STA-2C25mm2-X	0.727	1.2	0.20	1.24	23.8
PWYYR6-STA-2C35mm2-X	0.524	1.2	0.20	1.24	26.0
PWYYR6-STA-2C50mm2-X	0.387	1.4	0.20	1.32	29.0
PWYYR6-STA-2C70mm2-X	0.268	1.4	0.20	1.40	32.8
PWYYR6-STA-3C2.5mm2-X	7.41	0.8	0.20	1.24	14.1
PWYYR6-STA-3C4mm2-X	4.61	1.0	0.20	1.24	15.9
PWYYR6-STA-3C6mm2-X	3.08	1.0	0.20	1.24	17.0
PWYYR6-STA-3C10mm2-X	1.83	1.0	0.20	1.24	19.8
PWYYR6-STA-3C16mm2-X	1.15	1.0	0.20	1.24	21.9

PWYYR6-STA-3C25mm2-X	0.727	1.2	0.20	1.24	25.1
PWYYR6-STA-3C35mm2-X	0.524	1.2	0.20	1.24	27.5
PWYYR6-STA-3C50mm2-X	0.387	1.4	0.20	1.32	30.7
PWYYR6-STA-3C70mm2-X	0.268	1.4	0.20	1.40	34.7
PWYYR6-STA-4C4mm2-X	4.61	1.0	0.20	1.24	17.0
PWYYR6-STA-4C6mm2-X	3.08	1.0	0.20	1.24	18.2
PWYYR6-STA-4C10mm2-X	1.83	1.0	0.20	1.24	21.3
PWYYR6-STA-4C16mm2-X	1.15	1.0	0.20	1.24	23.8
PWYYR6-STA-4C25mm2-X	0.727	1.2	0.20	1.24	27.4
PWYYR6-STA-4C35mm2-X	0.524	1.2	0.20	1.32	30.2
PWYYR6-STA-4C50mm2-X	0.387	1.4	0.20	1.40	33.8
PWYYR6-STA-4C70mm2-X	0.268	1.4	0.50	1.56	40.1
PWYYR6-STA-5C4mm2-X	4.61	1.0	0.20	1.24	18.2
PWYYR6-STA-5C6mm2-X	3.08	1.0	0.20	1.24	19.6
PWYYR6-STA-5C10mm2-X	1.83	1.0	0.20	1.24	23.1
PWYYR6-STA-5C16mm2-X	1.15	1.0	0.20	1.24	25.8
PWYYR6-STA-5C25mm2-X	0.727	1.2	0.20	1.32	30.0
PWYYR6-STA-5C35mm2-X	0.524	1.2	0.20	1.40	33.2
PWYYR6-STA-5C50mm2-X	0.387	1.4	0.50	1.56	39.0
PWYYR6-STA-5C70mm2-X	0.268	1.4	0.50	1.64	44.2

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-XCXXmm2-X _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: PWYYR6-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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