

## Cu/XLPE/CTS/PVC/STA/PVC Cable

CTS: Copper Tape Screen

STA: Galvanized steel Tape Armor



- a. **Conductor:** Aluminum, Copper, Class 2 according to IEC60228
- b. semiconductive conductor screen
- c. **Insulation:** XLPE (Cross-Linked Polyethylene)
- d. semiconductive insulation screen
- e. **metallic screen**(Copper wire or Copper tape Screen)
- f. PVC bedding
- g. **Armour:**
  - Single Core Cable: Aluminum Tape
  - Three Core Cable: **Galvanized steel tape armour**
- h. PVC outer sheath

**Sheath Color:** Black or Colors

**1) Applications:** Steel Tape Armored Cable is suitable for transmit power on the power transmission. To be laid underground, the cable could bear certain mechanical force, but it could not bear great pulling force. cable not only has excellent electric, mechanical properties, but also has powerful resistance against heat aging, environmental stress and chemical corrosion. Its structure is simple and convenient to use and can be laid with no restriction of different elevation. The permissible maximum operating temperature is 90. Our steel tape armored cable (**STA Cable**) can be produced according to our company standard which is equivalent IEC60502. We can design and manufacture special Steel Tape Armored Cable according to the required by yours.

**2) Standard:** IEC60502

### 3) Specifications:

Rated Voltage, Core Numbers & Nominal Cross-section Area

U <sub>0</sub> /U <sub>m</sub> (kv)	1st class	0.6/1	1.8/3	3.6/6	6/10	8.7/15	12/20	18/30	21/35
	2nd class	1/1	3/3	6/6	6.35/11	12/15	18/20	-	26/35
No. of Core									
1 Core	Section area(mm <sup>2</sup> )	1.5-800	25-800	25-800	25-800	35-800	50-800	50-800	50-800
2 Core	Section Area(mm <sup>2</sup> )	1.5-185	/	/	/	/	/	/	/

3 Core	2) Section area(mm <sup>2</sup> )	1.5-400	25-400	25-400	25-400	35-400	50-400	50-400	50-400
4 Core	) Section Area(mm <sup>2</sup> )	2.5-400	25-400	/	/	/	/	/	/
5 Core	) Section area(mm <sup>2</sup> )	2.5-400	25-400	/	/	/	/	/	/

*More about Steel Tape Armored Cable, Pls contact our engineer with email.*