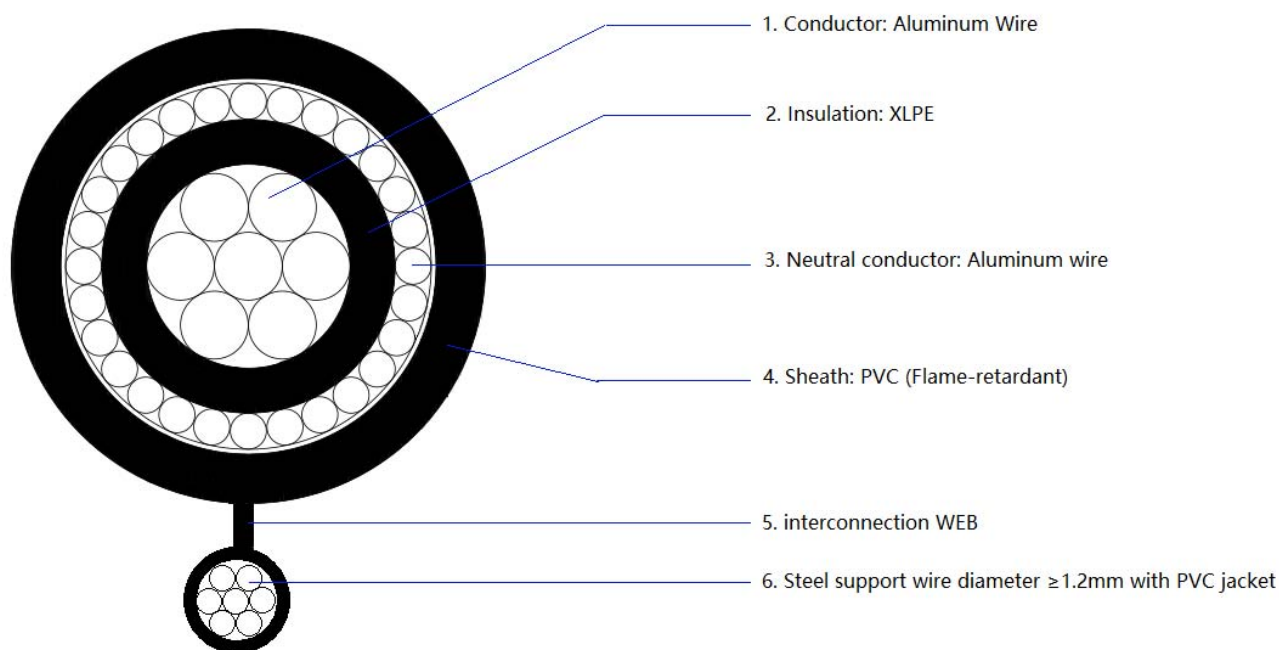




## TECHNICAL SPECIFICATION

### CONCENTRIC CABLE WITH STEEL SUPPORT WIRE

1x16/16mm<sup>2</sup>, 0.6/1KV



N0.	DESCRIPTION	UNIT	Data
1	- Manufacture's name		Henan Hongda Cable Co., Ltd.
	- Country		China
	- Rated Voltage	kv	0.6/1
2	<b>Reference Standards</b>		IEC 60502-1, IEC60228, KS 04-1022
3	<b>Phase Conductor</b>		
	- Material		Aluminum wire
	- Core shape		Stranded circular, class 2
	- Number of core	No.	1
	- Nominal cross section area	mm <sup>2</sup>	16
	- Number and diameter of individual wire	No./mm	7/1.7
4	<b>Phase Insulation</b>		
	- Material		Cross-linked polyethylene (XLPE)
	- Color		Red, Black or as require
	- Nominal insulation thickness	mm	1.3
5	<b>Concentric conductor</b>		
	- Material		Aluminum wire
	- Number and diameter of individual wire	No./mm	23/1.13
6	<b>Outer Sheath</b>		

**HENAN HONGDA CABLE CO., LTD**

Add: No.3, Changping Road, East Development Zone, Zhandian, Jiaozuo 454950, China.

Tel: 0086-15838290725 Email: [vivianxinyuan@foxmail.com](mailto:vivianxinyuan@foxmail.com) Web: [www.hongdacable.com](http://www.hongdacable.com)

	- Material		PVC, flame-retardant
	- Color		Black
	- Min. Thickness of outer sheath	mm	1.8
7	Support wire		
	- Material		Steel
	- Diameter	mm	$\geq 1.2$
	- Insulation		PVC
8	Approx. Overall diameter of completed cores	mm	13.6
9	Approx. Weight of complete cable	Kg/km	250
10	Max. DC resistance of conductor at 20°C (Phase)	$\Omega/\text{km}$	1.91
11	<b>Physical and Mechanical Characteristics</b>		
	- Max. Temperature of continuous operation	°C	90
	- Short circuit temperature (max. 5 sec.)	°C	250
	- Operating temperature range	°C	-40 to 90
12	<b>Packing:</b>		
	- Unit length of cable per drum	m	$1000 \pm 5\%$
	- Material of drum (non-returnable)	-	Timber
13	<b>Cable Marking:</b>	/	As customer requirement
14	<b>Drum Marking:</b>	/	As customer requirement