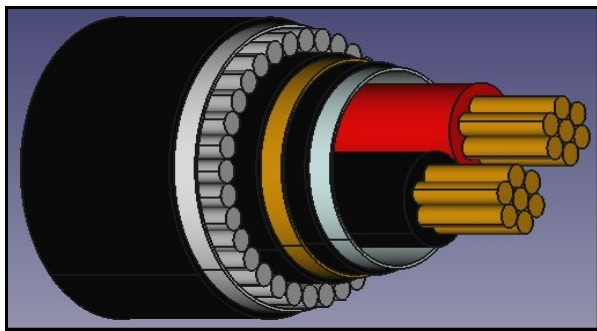


**Construction of Cable: 600/1000V Armoured Copper Tape Screened Cable**

**Drawing:**



**Application:**

For electricity supply and generally use for fixed installation system and sub mains, are enclosed in conduit buried direct or underground ducts, outdoor and indoor, power stations, for industry and distribution boards as well as in subscriber networks where there may be a risk of mechanical damage. These cables are designed to protect the cable from outside sources of electromagnetic interference.

NO.	DESCRIPTION	PVC Insulated PVC Sheathed
1	Conductor	Circular stranded or circular compact stranded plain annealed copper wire according to IEC60228
2	Identification of cores: Two cores – Red and Black Three cores – Red, Yellow and Blue Four cores – Red, Yellow, Blue and Black Five cores and above: Number 1,2,3, 4, 5... and the number shall be Blue or Black printed on White cores.	Polyvinyl chloride compound (PVC) type PVC/A according to IEC60502
3	Laying Up	Cores stranded together. Binder tape and non-hygroscopic filler may be applied where necessary
4	Inner sheath shall be black	PVC type ST1 according to IEC60502
5	Screen	Copper tape
6	Separation sheath shall be black	PVC type ST1 according to IEC60502
7	Armour	Two core and above – single layer of galvanized steel wire Binder tape may be applied where necessary
8	Outer sheath shall be black	PVC type ST1 according to IEC60502

**TECHNICAL DATA**

1	Voltage	600/1000V
2	Maximum Conductor Temperature	70°C
3	Reference	IEC60502-1
4	Testing Voltage	3500V
5	Minimum Bending Radius	8 X Bending Radius