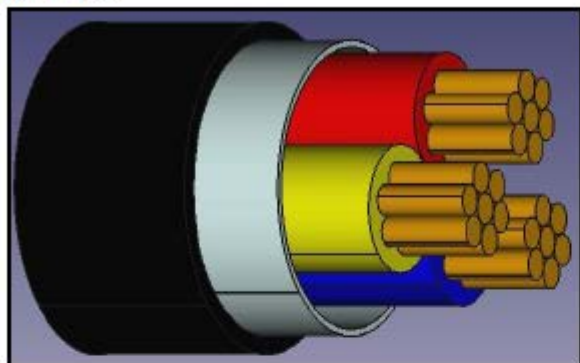


**Construction of Cable: 600/1000V Non-Armoured Power Cable**

**Drawing:**



**Application:**

For electricity supply and generally use for fixed installation system, are installed in open air, underground, in cable ducts, outdoor and indoor, power stations, for industry and distribution boards as well as in subscriber networks where mechanical damages are not to be expected.

NO.	DESCRIPTION	PVC Insulated PVC Sheathed	XLPE Insulated PVC Sheathed	XLPE Insulated LSHF Sheathed
1	Conductor	Circular stranded, circular compact stranded or sector shaped stranded plain annealed copper wire according to IEC60228 class 2		
2	Identification of cores: Single core – Natural or Black 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	Cross-linked polyethylene (XLPE) according to IEC60502	XLPE according to IEC60502
3	Laying Up	Cores stranded together. Binder tape and non-hygroscopic filler may be applied where necessary		
4	Outer sheath shall be black.  Upon request: - Anti-Termite sheathing - Anti-Rodent sheathing - UV protection sheathing - Higher Flame Retardant sheathing	PVC type ST1 according to IEC60502	PVC type ST2 according to IEC60502	Low smoke halogen free (LSHF) compound
TECHNICAL DATA				
1	Voltage	600/1000V		
2	Maximum Conductor Temperature	70°C	90°C	90°C
3	Reference	MS2100 MS2102 IEC60502-1	IEC60502-1	IEC60502-1
4	Testing Voltage	3500V		
5	Minimum Bending Radius	8 X Bending Radius		