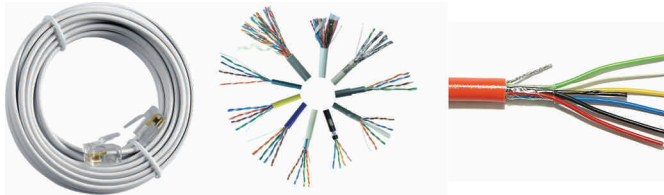


## PVC WIRE & CABLE COATING



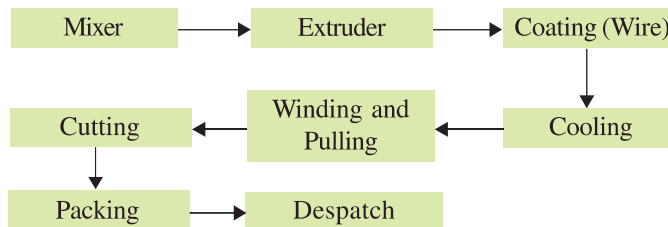
**Production capacity/annum**

96000 kg

### Production process

The E.C. Grade Aluminium wire is fed into the extruder where in P.V.C. is coated on the wire to the required thickness. The Extruded wire after passing through cooling tank is coiled on the take off system. The wire is coiled into the lengths of 100 meters and the tests as per I.S. Specifications are carried out.

### Process flow chart



### Machinery & equipment required

- 65 mm Single screw PVC Wire and cable coating extruder
- High speed compounding mixer
- Single colour printing machine for printing on cable.
- Bunching Machine
- Wire straighter & cutting machine

### Raw material/consumables required

- Copper wire for coating PVC
- PVC resin powder
- Other chemicals such as:
  - Calcium
  - Wax
  - Titanium

### Utilities required

Power required(load)	:	22 K.W
Water required	:	800 Liters.

### Man power required

• Supervisor	:	1 No.
• Skilled Workers	:	2 Nos.
• Unskilled	:	3 Nos.

### Area required

Total Area	:	200 Sq. Mtr.
Covered Area	:	150 Sq. Mtr.

### Investment required

Machinery & Equipment	}	₹ 55.2 Lakhs
Working Capital for 3 Months (Raw material, utilities & salary)		

