

## Instrumentation Cables

As per BS : 5308(1) / (2), IEC-189(I) / (II)

### Application / Design

Instrumentation cable offers total interference free data transfer and is ideal for use as a signal and control cable in measuring, process-control and security systems. Instrumentation process in any industry is a very important factor for controlling various parameters during process. Microprocessor based control devices demand very low noise level and attenuation of signals in the cable. This calls for careful designing & manufacturing of Cables with stringent quality control. UPTL offers wide range of instrumentation cables both Al Mylar Tape or wire braid shielded for the purpose, ensuring very low levels of stored energy in these cables which are normally laid under hazardous conditions.

### Range of Instrumentation Cables

- Conductor** : 0.40 mm Dia. (0.126 Sq.mm to 2.50 Sq.mm), Electrolytic Copper Conductor Bare/ Tinned, Solid/Stranded.
- Insulation Elements** : General purpose / Heat Resistant 70°C to 90°C PVC / Polythene compound Insulation.
- Shields** : Aluminium Polyester Tape Screen with Copper drain wire or alternately with Copper wire braiding individual element or overall shielding as specified.
- Armouring** : Galvanised steel wire / strip armour.
- Sheathing** : PVC 70°C / 90°C. F.R.L.S. / LSOH compound as per customer requirement.
- Minimum Bending Radius** : 8 x Overall Diameter.

