

Annexure - 4

**INSTRUMENT CABLE**

a.	Type	: twisted pair
b.	Conductor	: 20 AWG multistrand annealed Plain copper
c.	Inner sheath	: Extruded PVC
d.	Layer per meter	: 25 to 30
e.	Mode of wrapping	: Mylar tape and filler chord
f.	Mode of Individual & overall shielding	: Aluminized mylar tape wrapped with 25% overlapping
g.	Overall sheath of cable	: FRLS PVC
h.	Continuous operating temperature	: 70° Deg. C
i.	Voltage grade	: 600 Volt
j.	Armouring	: Rounded GI wire / strip overlapping
k.	Signal Drain	: Continuous tinned copper under the aluminium side of the screen
l.	Core identification	: By standard colors as well as numbering at frequent interval
m.	Standard pairs	: 1 Pair, 6 Pair
n.	Outer sheath	: Extruded PVC type with FRLS Properties
o.	Cable marking	: Meter mark through out the cable length

**CONTROL CABLE**

a.	Type	: Muticore
b.	Conductor	: 1.0Sq mm multi-strand annealed plain copper
c.	Inner Sheath	: Extruded PVC
d.	Continuous operating temperature	: 70° Deg. C
e.	Voltage grade	: 600 V
f.	Armouring	: Rounded GI wire / strip overlapping
g.	Overall sheathing	: FRIS PVC/Fluoropolymer insulation
h.	Core Identification	: By standard colors as well as numbering at frequent interval.
i.	No. of cores	: 21 core
j.	Marking	: Meter marked through out the cable length

**Make:** CCI, Finolex Cables, Delton Cables, U M Cables, Cord Cables, Polycab Cables,, Universal Cable,, ~~Chater~~