

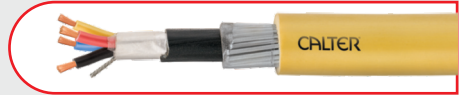
Instrumentation Cable

Shielded/Unarmoured/Armoured/Frls/Nonfrls



Specification : Generally to BS: 5308 Part 1 (PVC & polyethylene insulation)

Application : Cables designed for the local inter connection of ground, sea, and airborne instruments and electronic equipments. It has excellent characteristics to external noise pickups and heavy attenuation to it during transmission of very low level electrical signals. These cables can be manufactured in pair and multi pairs & triad with different size for conductors.



Construction		Technical Data	
Conductor	Plain annealed and tinned copper wire in accordance with BS:6360 & IS: 8130 sizes: 0.50 sq mm to 1,50 sq mm	Grade Temperature range Conductor resistance at 20°C	BS: 6360 -30°C to + 70°C As per IS: 8130
Insulation	The insulation PVC complies with BS & IS standards	Working voltage Insulation resistance Capacitance	300/500 V 36.7 M ohm -km min 250 nF/km max
Color Code	As per BS: 5308 Pt-2 & IS : 694	Color coding	as per IS & BS standards
Shielding	No. of cores laid up in concentric layers and shielded with aluminum screen and a tinned copper drain wire of size 0.5 mm	Capacitance core to screen L/R ratio (max)	450 nf /km max 25 micro Henry/ohms
Inner Coating	Extruded PVC as per IS: 1554 & BS: 7655	Min bending radius	12 x cable dia
Armour	Galvanized steel wires or strip as per IS:1554 & BS: 7655		
Printing	Cable size, standard no., type, year of manufacture, sequential marking and other details on request		

NOTE: Alteration from standards can be done as per customer requirement. The actual product may differ from the given picture in construction/color.