





Customer :

**Technical Particulars of PVC Instrumentation Cables**

S.No	Particulars	UNIT	2C X 1.5	3C X 1.5	4C X 1.5	5C X 1.5	6C X 1.5	7C X 1.5	8C X 1.5
b)	Mutual capacitance	nf/km	<250	<250	<250	<250	<250	<250	<250
c)	Insulation resistance	MΩ/km	10	10	10	10	10	10	10
d)	Inductance to resistance ratio (L/R)	μH/Ω	<25	<25	<25	<25	<25	<25	<25
e)	Dielectric strength for 1 minute (H.V Test)	kV	2.0	2.0	2.0	2.0	2.0	2.0	2.0
16	Max. tensile strength for Cables pulled with stocking	Newtons	9 x D <sup>2</sup> , D is the cable OD in mm						
15	Approximate Overall diameter of cable	mm	11.0	11.5	12.5	13.0	14.0	14.0	15.0
16	<b>FRLS PROPERTIES</b>								
a)	Oxygen Index		Min. 29% as per ASTM D- 2863						
b)	Temperature Index		Min. 250 Deg.C as per ASTM D- 2863						
c)	Smoke Density Rating		Max. 60% as per ASTM D- 2843						
d)	Acid Gas Generation		Max. 20% as per IEC- 754- 1						
e)	Flammability Test		As per IEC:332-I						
17	Embossing		<b>POLYCAB 500 VOLTS GRADE FRLS</b>						
18	Printing		<b>YEAR POLYCAB 500 VOLTS GRADE FRLS No of Core x Sqmm SCREENED WITH SEQUENTIAL MARKING AT EVERY ONE METER..</b>						

**FOR POLYCAB WIRES PVT LTD**