



Customer :

Technical Particulars of PVC Instrumentation Cables

| S.No | Particulars | UNIT | 2C X 1 | 3C X 1 | 4C X 1 | 5C X 1 | 6C X 1 | 7C X 1 | 8C X 1 |
|------|---|---------|--|--------|--------|--------|--------|--------|--------|
| 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 ² , D is the cable OD in mm | | | | | | |
| 15 | Approximate Overall diameter of cable | mm | 10.5 | 11.0 | 11.5 | 12.0 | 13.0 | 13.0 | 14.0 |
| 16 | FRLS PROPERTIES | | | | | | | | |
| 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 | | POLYCAB 500 VOLTS GRADE FRLS | | | | | | |
| 18 | Printing | | YEAR POLYCAB 500 VOLTS GRADE FRLS No of Core x Sqmm SCREENED WITH SEQUENTIAL MARKING AT EVERY ONE METER.. | | | | | | |

FOR POLYCAB WIRES PVT LTD