**PVC Switchboard Cable**

**Applications：**

This cable is insulated and jacketed by PVC,used to connect

PBX equipment.

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| --- | --- | --- | --- | --- | --- | --- |
| **Conductor** | **No. of wire** | **PVC Insulation** | **PVC Insulation** | **Diameter Overall** | **Diameter Overall** | **Standard** |
| **AWG** | **Diameter (mm/inch)** | **C**  | **Thickness (mm/inch)** | **Min. Thickness (mm/inch)** | **std.****(mm/inch)** | **max.** **(mm/inch)** | **Length****(m/ft)** |
| 24 | 0.5/0.02 | 6 | 0.30/0.012 | 0.90/0.035 | 6.5/0.26 | 7.5/0.30 | 500/152.5 |
| 12 | 8.0/0.31 | 9.0/0.35 |
| 22 | 10.0/0.40 | 11.0/0.43 |
| 24 | 10.0/0.40 | 11.0/0.43 |
| 33 | 11.5/0.45 | 12.5/0.49 |
| 40 | 12.0/0.47 | 13.0/0.51 |
| 48 | 12.5/0.49 | 13.5/0.53 |
| 60 | 14.0/0.55 | 15.0/0.59 |
| 75 | 15.5/0.61 | 16.5/0.65 |
| 80 | 16.0/0.63 | 17.0/0.67 |
| 100 | 17.0/0.67 | 18.0/0.71 |
| 120 | 18.5/0.73 | 19.5/0.77 |
| 150 | 20.5/0.81 | 21.5/0.85 |
| 22 | 0.65/0.025 | 6 | 0.30/0.012 | 0.90/0.035 | 7.0/0.28 | 8.0/0.31 | 500/152.5 |
| 12 | 9.0/0.35 | 10.0/0.40 |
| 22 | 11.0/0.43 | 12.0/0.47 |

Characteristics：

|  |  |
| --- | --- |
| Items | Specification |
| Conductor Resistance (20℃) | 0.50mm(TC) 100.2 Ω/km max. |
| 0.65mm(TC) 59.3 Ω/km max. |
| Insulation Resistance (20℃,DC 100~500V/1min) |  1000 MΩ-km min. |
| Dielectric Strength | D.C. 500 V/1min or A.C. 350 V/1min |
| Capacitance (1KHz) |  140 nF/km Max. |