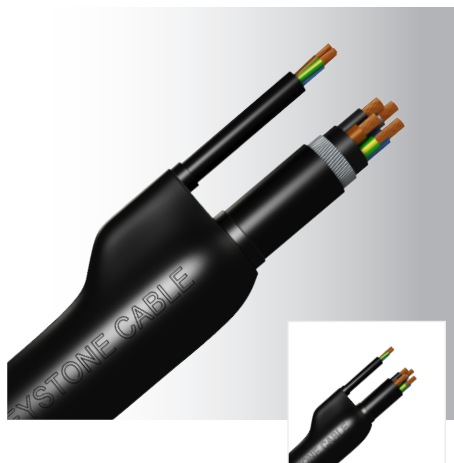


# Prefabricated Branch Cables

600/1000V Multicore PVC Sheathed Cables  
 CU/XLPE/PVC or CU/XLPE/PVC/SWA/PVC



|                        |   |
|------------------------|---|
| Application :          | This cable is used in power supply for lighting system of highways, tunnel and bridge.  |
| Voltage rating :       | 600/1000V   |
| Construction :         | Plain annealed copper, XLPE insulated, unarmoured or galvanized steel wire armoured, PVC sheathed cable                         |
| Insulation colour :    | 2-core: Brown, Blue; 3-core: Brown, Black, Grey;<br>4-core: Brown, Black, Grey, Blue;<br>5-core: Brown, Black, Grey, Blue & G/Y |
| Sheath colour :        | Black   |
| Specification :        | IEC60502-1  |
| Operating Temperature: | 90°C  |

| Core  | Conductor          |                     |                            | Insulation | Unarmoured Cable      | Armoured Cable        |
|-------|--------------------|---------------------|----------------------------|------------|-----------------------|-----------------------|
|       | Nominal Area       | No./Diam. Of Strand | Approx. Diam. Of Conductor | Thickness  | Approx. Overall Diam. | Approx. Overall Diam. |
| (no.) | (mm <sup>2</sup> ) | (no./mm)            | (mm)                       | (mm)       | (mm)                  | (mm)                  |
| 2     | 2.5                | 7/0.67              | 2.01                       | 0.7        | 11.0                  | 15.5                  |
|       | 4                  | 7/0.85              | 2.55                       | 0.7        | 12.0                  | 16.5                  |
|       | 6                  | 7/1.04              | 3.12                       | 0.7        | 13.1                  | 17.5                  |
|       | 10                 | 7/1.35              | 4.05                       | 0.7        | 16.0                  | 20.8                  |
|       | 16                 | 7/1.70              | 5.10                       | 0.7        | 18.0                  | 22.9                  |
|       | 25                 | 7/2.14              | 6.15                       | 0.9        | 20.5                  | 26.4                  |
|       | 35                 | 19/1.53             | 7.30                       | 0.9        | 23.6                  | 28.7                  |
| 3     | 2.5                | 7/0.67              | 2.01                       | 0.7        | 11.4                  | 16.0                  |
|       | 4                  | 7/0.85              | 2.55                       | 0.7        | 13.1                  | 17.0                  |
|       | 6                  | 7/1.04              | 3.12                       | 0.7        | 14.5                  | 18.1                  |
|       | 10                 | 7/1.35              | 4.05                       | 0.7        | 17.1                  | 21.7                  |
|       | 16                 | 7/1.70              | 5.10                       | 0.7        | 19.4                  | 24.0                  |
|       | 25                 | 7/2.14              | 6.15                       | 0.9        | 22.7                  | 28.0                  |
|       | 35                 | 19/1.53             | 7.30                       | 0.9        | 25.1                  | 30.4                  |
| 4     | 2.5                | 7/0.67              | 2.01                       | 0.7        | 12.5                  | 16.5                  |
|       | 4                  | 7/0.85              | 2.55                       | 0.7        | 14.0                  | 18.0                  |
|       | 6                  | 7/1.04              | 3.12                       | 0.7        | 15.0                  | 20.0                  |
|       | 10                 | 7/1.35              | 4.05                       | 0.7        | 18.4                  | 23.2                  |
|       | 16                 | 7/1.70              | 5.10                       | 0.7        | 21.4                  | 27.0                  |
|       | 25                 | 7/2.14              | 6.15                       | 0.9        | 24.3                  | 29.8                  |
|       | 35                 | 19/1.53             | 7.30                       | 0.9        | 27.3                  | 32.9                  |
| 5     | 2.5                | 7/0.67              | 2.01                       | 0.7        | 13.9                  | 17.8                  |
|       | 4                  | 7/0.85              | 2.55                       | 0.7        | 15.3                  | 20.1                  |
|       | 6                  | 7/1.04              | 3.12                       | 0.7        | 16.9                  | 21.7                  |
|       | 10                 | 7/1.35              | 4.05                       | 0.7        | 20.1                  | 24.7                  |
|       | 16                 | 7/1.70              | 5.10                       | 0.7        | 23.0                  | 28.2                  |
|       | 25                 | 7/2.14              | 6.15                       | 0.9        | 27.0                  | 32.3                  |
|       | 35                 | 19/1.53             | 7.30                       | 0.9        | 30.2                  | 35.8                  |