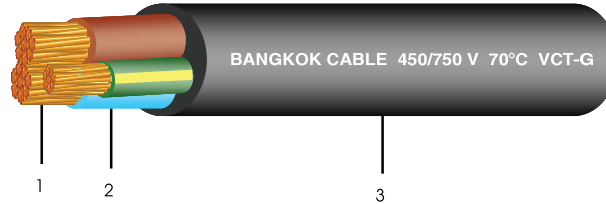


# 450/750 V 70°C VCT-G

2 CORES - PVC INSULATED AND SHEATHED CABLE, ROUND TYPE FLEXIBLE CONDUCTOR WITH GROUND



## Construction

1. Conductor : Bunch stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)  
Colour code : Phase - Blue, Brown  
Ground - Green/Yellow
3. Sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 101-2559



## Classification

- Maximum conductor temperature : 70°C
- Rated Voltage : 450/750 V
- AC test voltage : 2,500 V

## Application

- Use for general purpose
- Use for connecting electric appliance
- Laid on cable trays
- Install in duct in ground or direct burial in ground

| Products code | Conductor            |       |               |       |           |       | Thickness of insulation |     | Thickness of sheath | Overall diameter | Insulation resistance at 70°C | Current rating in free air | Cable weight    | Standard length |
|---------------|----------------------|-------|---------------|-------|-----------|-------|-------------------------|-----|---------------------|------------------|-------------------------------|----------------------------|-----------------|-----------------|
|               | Cross-sectional area |       | Dia. of wires |       | Diameter  |       |                         |     |                     |                  |                               |                            |                 |                 |
|               |                      |       |               |       |           |       | mm <sup>2</sup>         | mm  |                     | mm               |                               |                            |                 |                 |
|               |                      |       | (Max.)        |       | (Approx.) |       |                         | mm  |                     | mm (Max.)        | MΩ.km (Min.)                  | A                          | kg/km (Approx.) | m               |
| Phase         | Ground               | Phase | Ground        | Phase | Ground    | Phase | Ground                  |     |                     |                  |                               |                            |                 |                 |
| C6P302744012  | 1                    | 1     | 0.21          | 0.21  | 1.31      | 1.31  | 0.8                     | 0.8 | 1.2                 | 10.0             | 0.0127                        | 10                         | 120             | 100/C           |
| C6P3028N4012  | 1.5                  | 1.5   | 0.26          | 0.26  | 1.58      | 1.58  | 0.8                     | 0.8 | 1.4                 | 12.0             | 0.0111                        | 16                         | 160             | 100/C           |
| C6P3022P4012  | 2.5                  | 2.5   | 0.26          | 0.26  | 2.04      | 2.04  | 0.8                     | 0.8 | 1.4                 | 13.0             | 0.0092                        | 25                         | 200             | 100/C           |
| C6P302824012  | 4                    | 4     | 0.31          | 0.31  | 2.59      | 2.59  | 0.9                     | 0.9 | 1.6                 | 15.5             | 0.0084                        | 30                         | 300             | 100/C           |
| C6P302854012  | 6                    | 6     | 0.31          | 0.31  | 3.60      | 3.60  | 0.9                     | 0.9 | 1.8                 | 17.5             | 0.0071                        | 39                         | 420             | 100/C           |
| C6P302884011  | 10                   | 10    | 0.41          | 0.41  | 4.79      | 4.79  | 1.1                     | 1.1 | 2.0                 | 21.5             | 0.0068                        | 51                         | 670             | 500/D           |
| C6P302924011  | 16                   | 16    | 0.41          | 0.41  | 5.88      | 5.88  | 1.1                     | 1.1 | 2.4                 | 25.0             | 0.0050                        | 73                         | 960             | 500/D           |
| C6P302954011  | 25                   | 16    | 0.41          | 0.41  | 7.32      | 5.88  | 1.3                     | 1.1 | 2.6                 | 28.5             | 0.0048                        | 97                         | 1,290           | 500/D           |
| C6P302984011  | 35                   | 16    | 0.41          | 0.41  | 8.61      | 5.88  | 1.3                     | 1.1 | 2.8                 | 31.5             | 0.0041                        | 140                        | 1,610           | 500/D           |

C = Packing in coil

D = Packing in drum