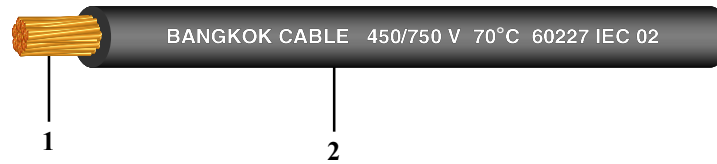


450/750 V 70°C 60227 IEC 02

SINGLE-CORE NON-SHEATHED CABLE WITH FLEXIBLE CONDUCTOR



Construction

1. Conductor : Bunch stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
Black, Blue, Brown, Grey, Green/Yellow
or other colours

Standard :

TIS 11 Part 3-2553



Classification

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

Application

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Do not install in duct in ground or direct burial in ground

| Products code | Conductor | | | Thickness of insulation mm | Overall diameter | | Insulation resistance at 70°C MΩ.km (Min.) | Current rating in free air  A | Cable weight kg/km (Approx.) | Standard length m |
|---------------|---|----------------------------|--------------------------|-------------------------------|-------------------|-------------------|---|---|---------------------------------|----------------------|
| | Cross-sectional area mm ² | Dia. of wires mm (Max.) | Diameter mm (Approx.) | | Lower limit mm | Upper limit mm | | | | |
| C6DC013B4012 | 1.5 | 0.26 | 1.58 | 0.7 | 2.8 | 3.4 | 0.010 | 16 | 22 | 100/C |
| C6DC01354012 | 2.5 | 0.26 | 2.04 | 0.8 | 3.4 | 4.1 | 0.009 | 25 | 34 | 100/C |
| C6DC01374012 | 4 | 0.31 | 2.59 | 0.8 | 3.9 | 4.8 | 0.007 | 30 | 50 | 100/C |
| C6DC01384012 | 6 | 0.31 | 3.60 | 0.8 | 4.4 | 5.3 | 0.006 | 39 | 73 | 100/C |
| C6DC01394012 | 10 | 0.41 | 4.79 | 1.0 | 5.7 | 6.8 | 0.0056 | 51 | 120 | 100/C |
| C6DC01404012 | 16 | 0.41 | 5.88 | 1.0 | 6.7 | 8.1 | 0.0046 | 73 | 180 | 100/C |
| C6DC01414012 | 25 | 0.41 | 7.32 | 1.2 | 8.4 | 10.2 | 0.0044 | 97 | 280 | 100/C |
| C6DC01424012 | 35 | 0.41 | 8.61 | 1.2 | 9.7 | 11.7 | 0.0038 | 140 | 380 | 100/C |
| C6DC01464011 | 50 | 0.41 | 10.55 | 1.4 | 11.5 | 13.9 | 0.0037 | 175 | 550 | 500/D |
| C6DC01474011 | 70 | 0.51 | 12.53 | 1.4 | 13.2 | 16.0 | 0.0032 | 216 | 760 | 500/D |
| C6DC01484011 | 95 | 0.51 | 14.45 | 1.6 | 15.1 | 18.2 | 0.0032 | 258 | 1,000 | 500/D |
| C6DC01514011 | 120 | 0.51 | 16.66 | 1.6 | 16.7 | 20.2 | 0.0029 | 302 | 1,310 | 500/D |
| C6DC01524011 | 150 | 0.51 | 18.55 | 1.8 | 18.6 | 22.5 | 0.0029 | 347 | 1,620 | 500/D |
| C6DC01534011 | 185 | 0.51 | 20.23 | 2.0 | 20.6 | 24.9 | 0.0029 | 394 | 1,930 | 500/D |
| C6DC01544011 | 240 | 0.51 | 23.22 | 2.2 | 23.5 | 28.4 | 0.0028 | 471 | 2,530 | 500/D |

C = Packing in coil

D = Packing in drum