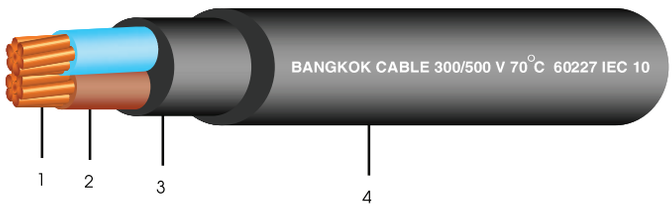
# 300/500 V 70°C 60227 IEC 10

## 2 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Blue, Brown
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 4-2553

## Classification

Maximum conductor temperature : 70°C
Rated Voltage : 300/500 V
AC test voltage : 2,000 V

## Application

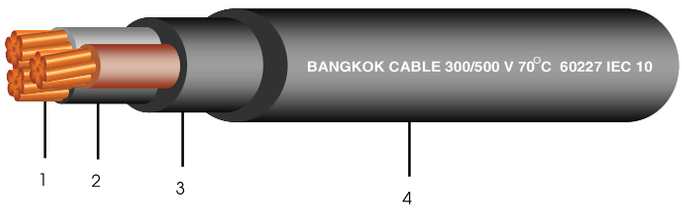
- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

| Products code | No. of core | Conductor | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | $mm^2$ | (Min.) | mm (Approx.) | mm | mm (Approx.) | mm | mm | mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| C3LE023V1012 | 2 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 7.6 | 10.0 | 0.011 | 16 | 120 | 100/C |
| C3LE023V4012 | 2 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 7.8 | 10.5 | 0.010 | 16 | 130 | 100/C |
| C3LE024V1012 | 2 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 8.6 | 11.5 | 0.010 | 22 | 165 | 100/C |
| C3LE024V4012 | 2 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 9.0 | 12.0 | 0.009 | 22 | 170 | 100/C |
| C3LE025V1012 | 2 | 4 | 1 | 2.21 | 0.8 | 0.4 | 1.2 | 9.6 | 12.5 | 0.0085 | 30 | 207 | 100/C |
| C3LE025V2012 | 2 | 4 | 7 | 2.55 | 0.8 | 0.4 | 1.2 | 10.0 | 13.0 | 0.0077 | 30 | 220 | 100/C |
| C3LE026V1012 | 2 | 6 | 1 | 2.70 | 0.8 | 0.4 | 1.2 | 10.5 | 13.5 | 0.0070 | 37 | 260 | 100/C |
| C3LE026V2012 | 2 | 6 | 7 | 3.12 | 0.8 | 0.4 | 1.2 | 11.0 | 14.0 | 0.0065 | 37 | 321 | 100/C |
| C3LE027V1012 | 2 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 13.0 | 16.5 | 0.0070 | 52 | 430 | 100/C |
| C3LE027V2012 | 2 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 13.5 | 17.5 | 0.0065 | 52 | 470 | 100/C |
| C3LE028V2011 | 2 | 16 | 7 | 5.01 | 1.0 | 0.6 | 1.4 | 15.5 | 20.0 | 0.0052 | 70 | 650 | 500/D |
| C3LE029V2011 | 2 | 25 | 7 | 6.33 | 1.2 | 0.8 | 1.4 | 18.5 | 24.0 | 0.0050 | 88 | 980 | 500/D |
| C3LE020W2011 | 2 | 35 | 7 | 7.60 | 1.2 | 1.0 | 1.6 | 21.0 | 27.5 | 0.0044 | 110 | 1,310 | 500/D |

C = Packing in coil
D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

3 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE




## Construction

| | | |
|---|---|---|
| 1. Conductor | : | Solid or circular stranded annealed copper |
| 2. Insulation | : | Polyvinyl chloride (PVC) |
| Colour code | : | Brown, Black, Grey |
| 3. Inner covering | : | Polyvinyl chloride (PVC), Black colour |
| 4. Outer sheath | : | Polyvinyl chloride (PVC), Black colour |

## Standard :

TIS 11 Part 4-2553

## Classification

| | | |
|---|---|---|
| Maximum conductor temperature | : | 70°C |
| Rated Voltage | : | 300/500 V |
| AC test voltage | : | 2,000 V |

## Application

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- ***Do not install in duct in ground or direct burial in ground***

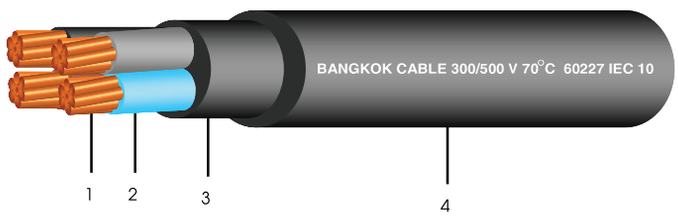
| Products code | No. of core | Conductor | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | $mm^2$ | (Min.) | mm (Approx.) | mm | mm (Approx.) | mm | mm | mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| C3LE033V1012 | 3 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 8.0 | 10.5 | 0.011 | 16 | 143 | 100/C |
| C3LE033V4012 | 3 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 8.2 | 11.0 | 0.010 | 16 | 150 | 100/C |
| C3LE034V1012 | 3 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 9.2 | 12.0 | 0.010 | 22 | 200 | 100/C |
| C3LE034V4012 | 3 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 9.4 | 12.5 | 0.009 | 22 | 210 | 100/C |
| C3LE035V1012 | 3 | 4 | 1 | 2.21 | 0.8 | 0.4 | 1.2 | 10.0 | 13.0 | 0.0085 | 30 | 255 | 100/C |
| C3LE035V2012 | 3 | 4 | 7 | 2.55 | 0.8 | 0.4 | 1.2 | 10.5 | 13.5 | 0.0077 | 30 | 270 | 100/C |
| C3LE036V1012 | 3 | 6 | 1 | 2.70 | 0.8 | 0.4 | 1.4 | 11.5 | 14.5 | 0.0070 | 37 | 340 | 100/C |
| C3LE036V2012 | 3 | 6 | 7 | 3.12 | 0.8 | 0.4 | 1.4 | 12.0 | 15.5 | 0.0065 | 37 | 401 | 100/C |
| C3LE037V1012 | 3 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 14.0 | 17.5 | 0.0070 | 52 | 540 | 100/C |
| C3LE037V2011 | 3 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 14.5 | 19.0 | 0.0065 | 52 | 580 | 500/D |
| C3LE038V2011 | 3 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.4 | 16.5 | 21.5 | 0.0052 | 70 | 840 | 500/D |
| C3LE039V2011 | 3 | 25 | 7 | 6.33 | 1.2 | 0.8 | 1.6 | 20.5 | 26.0 | 0.0050 | 88 | 1,270 | 500/D |
| C3LE030W2011 | 3 | 35 | 7 | 7.60 | 1.2 | 1.0 | 1.6 | 22.0 | 29.0 | 0.0044 | 110 | 1,680 | 500/D |

C = Packing in coil

D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

4 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Blue, Brown, Black, Grey
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 4-2553

## Classification

Maximum conductor temperature : 70°C
Rated Voltage : 300/500 V
AC test voltage : 2,000 V

## Application

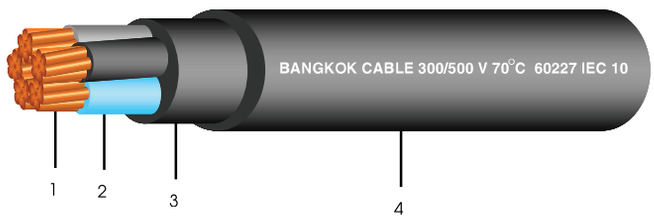
- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

| Products code | No. of core | Conductor | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | $mm^2$ | (Min.) | mm (Approx.) | mm | mm (Approx.) | mm | mm | mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| C3LE043V1012 | 4 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 8.6 | 11.5 | 0.011 | 16 | 170 | 100/C |
| C3LE043V4012 | 4 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 9.0 | 12.0 | 0.010 | 16 | 180 | 100/C |
| C3LE044V1012 | 4 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 10.0 | 13.0 | 0.010 | 22 | 237 | 100/C |
| C3LE044V4012 | 4 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 10.0 | 13.5 | 0.009 | 22 | 250 | 100/C |
| C3LE045V1012 | 4 | 4 | 1 | 2.21 | 0.8 | 0.4 | 1.4 | 11.5 | 14.5 | 0.0085 | 30 | 321 | 100/C |
| C3LE045V2012 | 4 | 4 | 7 | 2.55 | 0.8 | 0.4 | 1.4 | 12.0 | 15.0 | 0.0077 | 30 | 350 | 100/C |
| C3LE046V1012 | 4 | 6 | 1 | 2.70 | 0.8 | 0.6 | 1.4 | 12.5 | 16.0 | 0.0070 | 37 | 440 | 100/C |
| C3LE046V2012 | 4 | 6 | 7 | 3.12 | 0.8 | 0.6 | 1.4 | 13.0 | 17.0 | 0.0065 | 37 | 480 | 100/C |
| C3LE047V1011 | 4 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 15.5 | 19.0 | 0.0070 | 52 | 670 | 500/D |
| C3LE047V2011 | 4 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 16.0 | 20.5 | 0.0065 | 52 | 730 | 500/D |
| C3LE048V2011 | 4 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.4 | 18.0 | 23.5 | 0.0052 | 70 | 1,060 | 500/D |
| C3LE049V2011 | 4 | 25 | 7 | 6.33 | 1.2 | 1.0 | 1.6 | 22.5 | 28.5 | 0.0050 | 88 | 1,640 | 500/D |
| C3LE040W2011 | 4 | 35 | 7 | 7.60 | 1.2 | 1.0 | 1.6 | 24.5 | 32.0 | 0.0044 | 110 | 2,130 | 500/D |

C = Packing in coil
D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

5 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Blue, Brown, Black, Grey, Black
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Reference Standard :

TIS 11 Part 4-2553

## Classification

Maximum conductor temperature : 70°C
Rated Voltage : 300/500 V
AC test voltage : 2,000 V

## Application

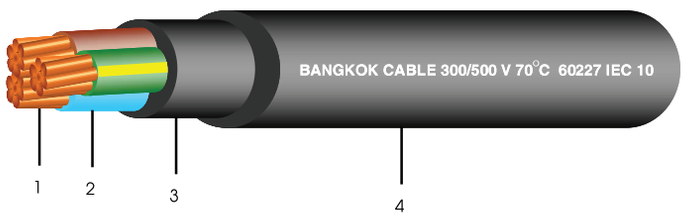
- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

| Products code | No. of core | Conductor | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | $mm^2$ | (Min.) | mm (Approx.) | mm | mm (Approx.) | mm | mm | mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| C3LE053V1012 | 5 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 9.4 | 12.0 | 0.011 | 16 | 210 | 100/C |
| C3LE053V4012 | 5 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 9.8 | 12.5 | 0.010 | 16 | 220 | 100/C |
| C3LE054V1012 | 5 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 11.0 | 14.0 | 0.010 | 22 | 290 | 100/C |
| C3LE054V4012 | 5 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 11.0 | 14.5 | 0.009 | 22 | 310 | 100/C |
| C3LE055V1012 | 5 | 4 | 1 | 2.21 | 0.8 | 0.6 | 1.4 | 12.5 | 16.0 | 0.0085 | 30 | 420 | 100/C |
| C3LE055V2012 | 5 | 4 | 7 | 2.55 | 0.8 | 0.6 | 1.4 | 13.0 | 17.0 | 0.0077 | 30 | 450 | 100/C |
| C3LE056V1012 | 5 | 6 | 1 | 2.70 | 0.8 | 0.6 | 1.4 | 13.5 | 17.5 | 0.0070 | 37 | 550 | 100/C |
| C3LE056V2012 | 5 | 6 | 7 | 3.12 | 0.8 | 0.6 | 1.4 | 14.5 | 18.5 | 0.0065 | 37 | 600 | 100/C |
| C3LE057V1011 | 5 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 17.0 | 21.0 | 0.0070 | 52 | 850 | 500/D |
| C3LE057V2011 | 5 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 17.5 | 22.0 | 0.0065 | 52 | 920 | 500/D |
| C3LE058V2011 | 5 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.6 | 20.5 | 26.0 | 0.0052 | 70 | 1,350 | 500/D |
| C3LE059V2011 | 5 | 25 | 7 | 6.33 | 1.2 | 1.0 | 1.6 | 24.5 | 31.5 | 0.0050 | 88 | 2,050 | 500/D |
| C3LE050W2011 | 5 | 35 | 7 | 7.60 | 1.2 | 1.2 | 1.6 | 27.0 | 35.0 | 0.0044 | 110 | 2,710 | 500/D |

C = Packing in coil
D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

## 2 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE WITH GROUND




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Phase - Blue, Brown
   Ground - Green/Yellow
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 4-2553

## Classification

Maximum conductor temperature : 70°C
Rated Voltage : 300/500 V
AC test voltage : 2,000 V

## Application

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

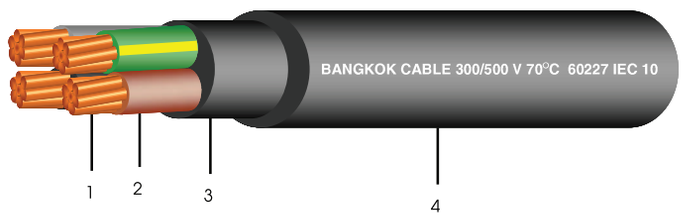
B

| Products code | No. of core | Conductor | | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area mm² | | No. of wires (Min.) | Diameter mm (Approx.) | mm | mm (Approx.) | mm | Lower limit mm | Upper limit mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| | | Phase | Ground | | | | | | | | | | | |
| C3LE022X1012 | 2 | 1.5 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 8.0 | 10.5 | 0.011 | 16 | 140 | 100/C |
| C3LE022X4012 | 2 | 1.5 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 8.2 | 11.0 | 0.010 | 16 | 150 | 100/C |
| C3LE023X1012 | 2 | 2.5 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 9.2 | 12.0 | 0.010 | 22 | 190 | 100/C |
| C3LE023X4012 | 2 | 2.5 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 9.4 | 12.5 | 0.009 | 22 | 210 | 100/C |
| C3LE024X1012 | 2 | 4 | 4 | 1 | 2.21 | 0.8 | 0.4 | 1.2 | 10.0 | 13.0 | 0.0085 | 30 | 250 | 100/C |
| C3LE024X2012 | 2 | 4 | 4 | 7 | 2.55 | 0.8 | 0.4 | 1.2 | 10.5 | 13.5 | 0.0077 | 30 | 270 | 100/C |
| C3LE025X1012 | 2 | 6 | 6 | 1 | 2.70 | 0.8 | 0.4 | 1.4 | 11.5 | 14.5 | 0.0070 | 37 | 340 | 100/C |
| C3LE025X2012 | 2 | 6 | 6 | 7 | 3.12 | 0.8 | 0.4 | 1.4 | 12.0 | 15.5 | 0.0065 | 37 | 370 | 100/C |
| C3LE026X1012 | 2 | 10 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 14.0 | 17.5 | 0.0070 | 52 | 540 | 100/C |
| C3LE026X2011 | 2 | 10 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 14.5 | 19.0 | 0.0065 | 52 | 590 | 500/D |
| C3LE027X2011 | 2 | 16 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.4 | 16.5 | 21.5 | 0.0052 | 70 | 840 | 500/D |
| C3LE025Z2011 | 2 | 25 | 25 | 7 | 6.33 | 1.2 | 0.8 | 1.6 | 20.5 | 26.0 | 0.0050 | 88 | 1,270 | 500/D |
| C3LE026Z2011 | 2 | 35 | 35 | 7 | 7.60 | 1.2 | 1.0 | 1.6 | 22.0 | 29.0 | 0.0044 | 110 | 1,680 | 500/D |

C = Packing in coil
D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

## 3 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE WITH GROUND




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Phase - Brown, Black, Grey
   Ground - Green/Yellow
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 4-2553

## Classification

Maximum conductor temperature : 70°C
Rated Voltage : 300/500 V
AC test voltage : 2,000 V

## Application

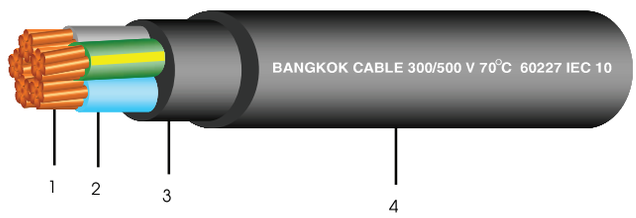
- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

| Products code | No. of core | Conductor | | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area mm² | | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | Phase | Ground | (Min.) | mm (Approx.) | mm | mm (Approx.) | mm | mm | mm | MΩ.km (Min.) | A | kg/km (Approx.) | m |
| C3LE032X1012 | 3 | 1.5 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 8.6 | 11.5 | 0.011 | 16 | 170 | 100/C |
| C3LE032X4012 | 3 | 1.5 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 9.0 | 12.0 | 0.010 | 16 | 180 | 100/C |
| C3LE033X1012 | 3 | 2.5 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 10.0 | 13.0 | 0.010 | 22 | 240 | 100/C |
| C3LE033X4012 | 3 | 2.5 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 10.0 | 13.5 | 0.009 | 22 | 250 | 100/C |
| C3LE034X1012 | 3 | 4 | 4 | 1 | 2.21 | 0.8 | 0.4 | 1.4 | 11.5 | 14.5 | 0.0085 | 30 | 330 | 100/C |
| C3LE034X2012 | 3 | 4 | 4 | 7 | 2.55 | 0.8 | 0.4 | 1.4 | 12.0 | 15.0 | 0.0077 | 30 | 350 | 100/C |
| C3LE035X1012 | 3 | 6 | 6 | 1 | 2.70 | 0.8 | 0.6 | 1.4 | 12.5 | 16.0 | 0.0070 | 37 | 440 | 100/C |
| C3LE035X2012 | 3 | 6 | 6 | 7 | 3.12 | 0.8 | 0.6 | 1.4 | 13.0 | 17.0 | 0.0065 | 37 | 480 | 100/C |
| C3LE036X1011 | 3 | 10 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 15.5 | 19.0 | 0.0070 | 52 | 670 | 500/D |
| C3LE036X2011 | 3 | 10 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 16.0 | 20.5 | 0.0065 | 52 | 740 | 500/D |
| C3LE037X2011 | 3 | 16 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.4 | 18.0 | 23.5 | 0.0052 | 70 | 1,060 | 500/D |
| C3LE035Z2011 | 3 | 25 | 25 | 7 | 6.33 | 1.2 | 1.0 | 1.6 | 22.5 | 28.5 | 0.0050 | 88 | 1,640 | 500/D |
| C3LE036Z2011 | 3 | 35 | 35 | 7 | 7.60 | 1.2 | 1.0 | 1.6 | 24.5 | 32.0 | 0.0044 | 110 | 2,130 | 500/D |

C = Packing in coil
D = Packing in drum

# 300/500 V 70°C 60227 IEC 10

4 CORES - LIGHT POLYVINYL CHLORIDE SHEATHED CABLE WITH GROUND




## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Phase - LBlue, Brown, Black, Grey
   Ground - Green/Yellow
3. Inner covering : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

## Standard :

TIS 11 Part 4-2553

## Classification

| | |
|---|---|
| Maximum conductor temperature | : 70°C |
| Rated Voltage | : 300/500 V |
| AC test voltage | : 2,000 V |

## Application

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- *Do not install in duct in ground or direct burial in ground*

| Products code | No. of core | Conductor | | | | Thickness of insulation | Thickness of inner covering | Thickness of outer sheath | Overall diameter | | Insulation resistance at 70°C | Current rating Laid on cable ladder | Cable weight | Standard length |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cross-sectional area | | No. of wires | Diameter | | | | Lower limit | Upper limit | | | | |
| | | $mm^2$ | | | mm | mm | mm | mm | mm | mm | MΩ.km | A | kg/km | m |
| | | Phase | Ground | (Min.) | (Approx.) | | (Approx.) | | | | (Min.) | | (Approx.) | |
| C3LE042X1012 | 4 | 1.5 | 1.5 | 1 | 1.36 | 0.7 | 0.4 | 1.2 | 9.4 | 12.0 | 0.011 | 16 | 210 | 100/C |
| C3LE042X4012 | 4 | 1.5 | 1.5 | 7 | 1.59 | 0.7 | 0.4 | 1.2 | 9.8 | 12.5 | 0.010 | 16 | 220 | 100/C |
| C3LE043X1012 | 4 | 2.5 | 2.5 | 1 | 1.75 | 0.8 | 0.4 | 1.2 | 11.0 | 14.0 | 0.010 | 22 | 290 | 100/C |
| C3LE043X4012 | 4 | 2.5 | 2.5 | 7 | 2.01 | 0.8 | 0.4 | 1.2 | 11.0 | 14.5 | 0.009 | 22 | 310 | 100/C |
| C3LE044X1012 | 4 | 4 | 4 | 1 | 2.21 | 0.8 | 0.6 | 1.4 | 12.5 | 16.0 | 0.0085 | 30 | 420 | 100/C |
| C3LE044X2012 | 4 | 4 | 4 | 7 | 2.55 | 0.8 | 0.6 | 1.4 | 13.0 | 17.0 | 0.0077 | 30 | 450 | 100/C |
| C3LE045X1012 | 4 | 6 | 6 | 1 | 2.70 | 0.8 | 0.6 | 1.4 | 13.5 | 17.5 | 0.0070 | 37 | 550 | 100/C |
| C3LE045X2012 | 4 | 6 | 6 | 7 | 3.12 | 0.8 | 0.6 | 1.4 | 14.5 | 18.5 | 0.0065 | 37 | 600 | 100/C |
| C3LE046X1011 | 4 | 10 | 10 | 1 | 3.50 | 1.0 | 0.6 | 1.4 | 17.0 | 21.0 | 0.0070 | 52 | 850 | 500/D |
| C3LE046X2011 | 4 | 10 | 10 | 7 | 3.98 | 1.0 | 0.6 | 1.4 | 17.5 | 22.0 | 0.0065 | 52 | 920 | 500/D |
| C3LE047X2011 | 4 | 16 | 16 | 7 | 5.01 | 1.0 | 0.8 | 1.6 | 20.5 | 26.0 | 0.0052 | 70 | 1,350 | 500/D |
| C3LE045Z2011 | 4 | 25 | 25 | 7 | 6.33 | 1.2 | 1.0 | 1.6 | 24.5 | 31.5 | 0.0050 | 88 | 2,050 | 500/D |
| C3LE046Z2011 | 4 | 35 | 35 | 7 | 7.60 | 1.2 | 1.2 | 1.6 | 27.0 | 35.0 | 0.0044 | 110 | 2,710 | 500/D |

C = Packing in coil

D = Packing in drum

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