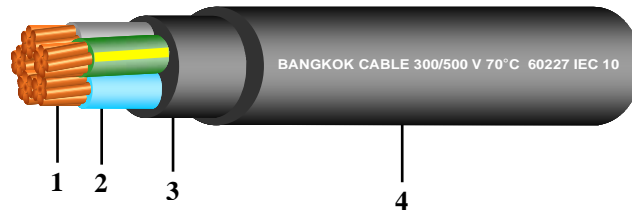


# 300/500 V 70°C 60227 IEC 10

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 : Green/Yellow, Light Blue, Brown, Black, Grey
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 mm	Thickness of inner covering mm (Approx.)	Thickness of outer sheath mm	Overall diameter		Insulation resistance at 70°C MΩ.km (Min.)	Current rating Laid on cable ladder A	Cable weight kg/km (Approx.)	Standard length m
		Cross-sectional area mm <sup>2</sup>		No. of wires (Min.)	Diameter mm (Approx.)				Lower limit mm	Upper limit mm				
		Phase	Ground											
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	1.53	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	1.98	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	2.49	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	3.09	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	3.99	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	6.30	1.2	1.0	1.6	24.5	31.5	0.0050	88	2,050	500/D
C3LE046Z2011	4	35	35	7	7.55	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