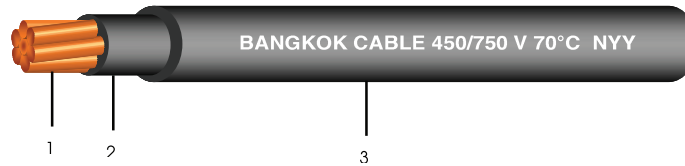


450/750 V 70°C NYY

1 CORE - PVC INSULATED AND SHEATHED CABLE, ROUND TYPE



Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC), Black colour
3. Sheath : Polyvinyl chloride (PVC), Black colour

Standard :

TIS 11 Part 101-2559

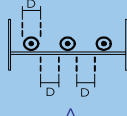
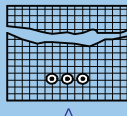


Classification

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

Application

- Use for general purpose
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

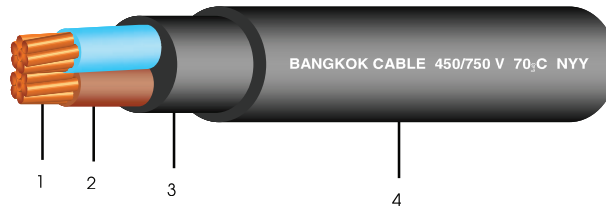
Products code	Conductor			Thickness of insulation	Thickness of sheath	Overall diameter	Insulation resistance at 70°C	Current rating		Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter					on cable ladder	direct burial in ground		
	mm ²	(Min.)	mm (Approx.)	mm	mm	mm (Max.)	MΩ.km (Min.)			kg/km (Approx.)	m
C6L6012V1012	1	1	1.11	1.5	1.8	8.6	0.0207	-	21	82	100/C
C6L6012V4012	1	7	1.29	1.5	1.8	8.8	0.0200	-	21	85	100/C
C6L6013V1012	1.5	1	1.36	1.5	1.8	9.0	0.0184	-	26	90	100/C
C6L6013V4012	1.5	7	1.59	1.5	1.8	9.2	0.0175	-	26	94	100/C
C6L6014V1012	2.5	1	1.75	1.5	1.8	9.4	0.0157	-	35	105	100/C
C6L6014V4012	2.5	7	2.01	1.5	1.8	9.8	0.0146	-	35	110	100/C
C6L6015V1012	4	1	2.21	1.5	1.8	10.0	0.0135	-	45	130	100/C
C6L6015V2012	4	7	2.55	1.5	1.8	10.5	0.0124	-	45	130	100/C
C6L6016V2012	6	7	3.12	1.5	1.8	11.0	0.0107	-	57	160	100/C
C6L6017V2011	10	7	3.98	1.5	1.8	12.0	0.0088	-	76	220	500/D
C6L6018V2011	16	7	5.01	1.5	1.8	13.0	0.0074	-	99	290	500/D
C6L6019V2011	25	7	6.33	1.5	1.8	14.5	0.0061	127	128	400	500/D
C6L6010W2011	35	7	7.60	1.5	1.8	16.0	0.0053	157	154	510	500/D
C6L6011W2011	50	19	8.83	1.5	1.8	17.0	0.0046	191	181	650	500/D
C6L6012W2011	70	19	10.58	1.5	1.8	19.0	0.0039	244	223	870	500/D
C6L6013W2011	95	19	12.50	1.7	1.8	21.5	0.0038	297	267	1,170	500/D
C6L6014W2011	120	37	14.07	1.7	1.8	23.0	0.0034	345	304	1,430	500/D
C6L6015W2011	150	37	15.61	1.9	2.0	26.0	0.0034	397	342	1,760	500/D
C6L6016W2011	185	37	17.50	2.1	2.0	28.0	0.0034	453	386	2,170	500/D
C6L6017W2011	240	37	20.07	2.3	2.2	31.5	0.0033	535	448	2,830	500/D
C6L6018W2011	300	61	22.50	2.5	2.2	35.0	0.0032	617	507	3,480	300/D
C6L6019W2011	400	61	25.38	2.7	2.2	38.5	0.0030	741	577	4,400	300/D
C6L6010X2011	500	61	28.71	3.1	2.4	43.0	0.0031	854	654	5,630	300/D

C = Packing in coil

D = Packing in drum

450/750 V 70°C NYY

2 CORES - PVC INSULATED AND DOUBLE SHEATHED CABLE, ROUND TYPE



Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
Colour code : Blue, Brown
3. Inner sheath : Polyvinyl chloride (PVC), Black colour
4. Outer 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
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

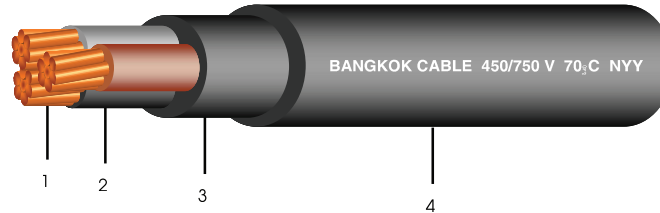
Products code	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Insulation resistance at 70°C	Current rating		Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter						on cable ladder	direct burial in ground		
	mm ²	(Min.)	mm (Approx.)	mm	mm (Approx.)	mm	mm (Max.)	MΩ.km (Min.)	A	A	kg/km (Approx.)	m/drum
C6L6022V1012	1	1	1.11	0.8	0.8	1.8	12.0	0.0141	13	21	160	100/C
C6L6022V4012	1	7	1.29	0.8	0.8	1.8	12.5	0.0135	13	21	170	100/C
C6L6023V1012	1.5	1	1.36	0.8	0.8	1.8	12.5	0.0123	16	26	180	100/C
C6L6023V4012	1.5	7	1.59	0.8	0.8	1.8	13.0	0.0116	16	26	190	100/C
C6L6024V1012	2.5	1	1.75	0.8	0.8	1.8	13.5	0.0102	22	35	220	100/C
C6L6024V4012	2.5	7	2.01	0.8	0.8	1.8	14.0	0.0093	22	35	230	100/C
C6L6025V1012	4	1	2.21	0.9	0.8	1.8	15.0	0.0094	30	45	280	100/C
C6L6025V2012	4	7	2.55	0.9	0.8	1.8	15.5	0.0085	30	45	300	100/C
C6L6026V2012	6	7	3.12	0.9	0.8	1.8	17.0	0.0073	37	57	370	100/C
C6L6027V2011	10	7	3.98	1.1	0.8	1.8	19.5	0.0069	52	76	540	500/D
C6L6028V2011	16	7	5.01	1.1	0.8	2.0	22.5	0.0057	70	99	740	500/D
C6L6029V2011	25	7	6.33	1.3	1.2	2.0	27.0	0.0054	88	128	1,120	500/D
C6L6020W2011	35	7	7.60	1.3	1.2	2.0	29.5	0.0047	110	154	1,420	500/D
C6L6021W2011	50	19	8.83	1.5	1.2	2.2	33.5	0.0046	133	181	1,850	500/D
C6L6022W2011	70	19	10.58	1.5	1.5	2.2	38.0	0.0039	171	223	2,500	500/D
C6L6023W2011	95	19	12.50	1.7	1.5	2.2	42.5	0.0038	207	267	3,300	500/D
C6L6024W2011	120	37	14.07	1.7	1.5	2.4	46.5	0.0034	240	304	4,010	500/D
C6L6025W2011	150	37	15.61	1.9	1.8	2.6	52.0	0.0034	278	342	4,970	300/D
C6L6026W2011	185	37	17.50	2.1	1.8	2.8	57.0	0.0034	317	386	6,110	300/D
C6L6027W2011	240	37	20.07	2.3	2.0	3.0	64.0	0.0033	374	448	7,900	300/D
C6L6028W2011	300	61	22.50	2.5	2.0	3.2	70.5	0.0032	432	507	9,690	200/D

C = Packing in coil

D = Packing in drum

450/750 V 70°C NYY

3 CORES - PVC INSULATED AND DOUBLE SHEATHED CABLE, ROUND TYPE



Construction

- Conductor : Solid or circular stranded annealed copper
- Insulation : Polyvinyl chloride (PVC)
Colour code : Brown, Black, Grey
- Inner sheath : Polyvinyl chloride (PVC), Black colour
- Outer 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
- laid on cable trays/Cable tray
- Install in duct in ground or direct burial in ground

Products code	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Insulation resistance at 70°C	Current rating		Cable weight	Standard length
	Cross- sectional area	No. of wires	Diameter						on cable ladder	direct burial in ground		
mm ²	(Min.)	mm (Approx.)	mm	mm (Approx.)	mm	MΩ.km (Min.)	A	A	kg/km (Approx.)	m/drum		
C6L6032V1012	1	1	1.11	0.8	0.8	1.8	12.5	0.0141	13	21	180	100/C
C6L6032V4012	1	7	1.29	0.8	0.8	1.8	13.0	0.0135	13	21	190	100/C
C6L6033V1012	1.5	1	1.36	0.8	0.8	1.8	13.0	0.0123	16	26	205	100/C
C6L6033V4012	1.5	7	1.59	0.8	0.8	1.8	13.5	0.0116	16	26	220	100/C
C6L6034V1012	2.5	1	1.75	0.8	0.8	1.8	14.0	0.0102	22	35	250	100/C
C6L6034V4012	2.5	7	2.01	0.8	0.8	1.8	15.0	0.0093	22	35	270	100/C
C6L6035V1012	4	1	2.21	0.9	0.8	1.8	15.5	0.0094	30	45	335	100/C
C6L6035V2012	4	7	2.55	0.9	0.8	1.8	16.5	0.0085	30	45	360	100/C
C6L6036V2012	6	7	3.12	0.9	0.8	1.8	18.0	0.0073	37	57	450	100/C
C6L6037V2011	10	7	3.98	1.1	0.8	1.8	20.5	0.0069	52	76	660	500/D
C6L6038V2011	16	7	5.01	1.1	1.2	2.0	24.5	0.0057	70	99	970	500/D
C6L6039V2011	25	7	6.33	1.3	1.2	2.0	28.5	0.0054	88	128	1,410	500/D
C6L6030W2011	35	7	7.60	1.3	1.2	2.0	31.5	0.0047	110	154	1,810	500/D
C6L6031W2011	50	19	8.83	1.5	1.5	2.2	36.0	0.0046	133	181	2,410	500/D
C6L6032W2011	70	19	10.58	1.5	1.5	2.2	40.5	0.0039	171	223	3,200	500/D
C6L6033W2011	95	19	12.50	1.7	1.5	2.4	46.0	0.0038	207	267	4,300	500/D
C6L6034W2011	120	37	14.07	1.7	1.8	2.6	50.5	0.0034	240	304	5,320	300/D
C6L6035W2011	150	37	15.61	1.9	1.8	2.8	56.0	0.0034	278	342	6,490	300/D
C6L6036W2011	185	37	17.50	2.1	2.0	3.0	61.5	0.0034	317	386	8,060	300/D
C6L6037W2011	240	37	20.07	2.3	2.0	3.2	69.0	0.0033	374	448	10,360	200/D
C6L6038W2011	300	61	22.50	2.5	2.2	3.4	76.0	0.0032	432	507	12,810	200/D

C = Packing in coil
D = Packing in drum

450/750 V 70°C NYY

4 CORES - PVC INSULATED AND DOUBLE SHEATHED CABLE, ROUND TYPE



Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
Colour code : Blue, Brown, Black, Grey
3. Inner sheath : Polyvinyl chloride (PVC), Black colour
4. Outer 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
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

Products code	Conductor			Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Insulation resistance at 70°C	Current rating		Cable weight	Standard length
	Cross-sectional area	No. of wires	Diameter						on cable ladder	direct burial in ground		
	mm ²	(Min.)	mm (Approx.)	mm	mm (Approx.)	mm	mm (Max.)	MΩ.km (Min.)	A	A	kg/km (Approx.)	m/drum
C6L6042V1012	1	1	1.11	0.8	0.8	1.8	13.5	0.0141	13	21	210	100/C
C6L6042V4012	1	7	1.29	0.8	0.8	1.8	14.0	0.0135	13	21	220	100/C
C6L6043V1012	1.5	1	1.36	0.8	0.8	1.8	14.0	0.0123	16	26	240	100/C
C6L6043V4012	1.5	7	1.59	0.8	0.8	1.8	14.5	0.0116	16	26	260	100/C
C6L6044V1012	2.5	1	1.75	0.8	0.8	1.8	15.0	0.0102	22	35	300	100/C
C6L6044V4012	2.5	7	2.01	0.8	0.8	1.8	16.0	0.0093	22	35	320	100/C
C6L6045V1012	4	1	2.21	0.9	0.8	1.8	17.0	0.0094	30	45	400	100/C
C6L6045V2012	4	7	2.55	0.9	0.8	1.8	17.5	0.0085	30	45	440	100/C
C6L6046V2012	6	7	3.12	0.9	0.8	1.8	19.0	0.0073	37	57	550	100/C
C6L6047V2011	10	7	3.98	1.1	0.8	2.0	23.0	0.0069	52	76	840	500/D
C6L6048V2011	16	7	5.01	1.1	1.2	2.0	26.5	0.0057	70	99	1,200	500/D
C6L6049V2011	25	7	6.33	1.3	1.2	2.0	31.0	0.0054	88	128	1,760	500/D
C6L6040W2011	35	7	7.60	1.3	1.5	2.2	35.0	0.0047	110	154	2,360	500/D
C6L6041W2011	50	19	8.83	1.5	1.5	2.2	39.5	0.0046	133	181	3,020	500/D
C6L6042W2011	70	19	10.58	1.5	1.5	2.4	44.5	0.0039	171	223	4,090	500/D
C6L6043W2011	95	19	12.50	1.7	1.8	2.6	51.5	0.0038	207	267	5,580	300/D
C6L6044W2011	120	37	14.07	1.7	1.8	2.8	56.0	0.0034	240	304	6,800	300/D
C6L6045W2011	150	37	15.61	1.9	2.0	3.0	62.0	0.0034	278	342	8,360	300/D
C6L6046W2011	185	37	17.50	2.1	2.0	3.2	68.0	0.0034	317	386	10,310	200/D
C6L6047W2011	240	37	20.07	2.3	2.2	3.4	76.5	0.0033	374	448	13,350	200/D
C6L6048W2011	300	61	22.50	2.5	2.2	3.8	85.0	0.0032	432	507	16,500	200/D

C = Packing in coil

D = Packing in drum