

# VCT LF

600V Grade PVC Power Cables (Lead Free)

> 対象規格  
> Applicable standard

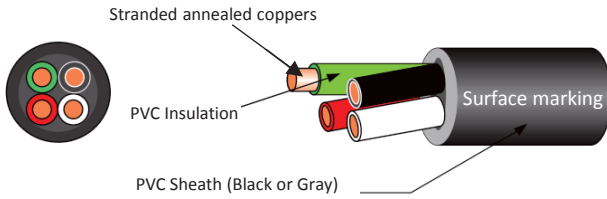


## Construction Figure

60 ° C

600V

High Quality



There is PVC for 2C - 4C cable

There is Rope for 5C - 8C cable

## Technical Data

Certification	PSE
Standard Subject	PSE Article table 1
Official Code	VCT
Voltage Rating	600V
Temperature Rating	60°C
Conductor Code	JIS C 3102
Multi Core	JIS 3005 4.26.2 b

## Identification

No. of Core	TIS		PSE Standard
	Phase	Phase + G	
1C	-	-	●
2C	● ●	-	● ●
3C	● ● ●	● ● ●	● ● ●
4C	● ● ● ●	● ● ● ●	● ● ● ●
5C	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
6C	-	-	● ● ● ● ● ●
7C	-	-	● ● ● ● ● ● ●
8C	-	-	● ● ● ● ● ● ● ●

**Sheath Color is Black or Gray**

## Construction Cable

No. of Core	Conductor			Insulator Thickness (mm)	Outer Diameter (mm)	Sheath Thickness (mm)	Overall Diameter (mm)	Electrical Characteristic			Approx Weight (kg/km)	Allowable Ampacity (A)	Standard Packing	
	Area (mm <sup>2</sup> )	Construction	Outer Diameter (mm)					Conductor Resistant (Ω/km, 20°C)	Electrical Strength (V/1min.)	Insulator Resistant (MΩ/km, 20°C)			Coil	Bobbin
2	0.75	30/0.18	1.1	0.8	2.7	1.7	8.8	25.1	50	3000	105	12	100	500
3	0.75	30/0.18	1.1	0.8	2.7	1.7	9.2	25.1	50	3000	115	10	100	500
4	0.75	30/0.18	1.1	0.8	2.7	1.7	9.9	25.1	50	3000	140	9	100	500
5	0.75	30/0.18	1.1	0.8	2.7	1.8	10.9	25.1	50	3000	165	9	100	500
6	0.75	30/0.18	1.1	0.8	2.7	1.8	11.7	25.1	50	3000	190	8.7	100	500
7	0.75	30/0.18	1.1	0.8	2.7	1.8	11.7	25.1	50	3000	200	8.2	100	500
8	0.75	30/0.18	1.1	0.8	2.7	1.8	12.7	25.1	50	3000	210	7.6	100	500
2	1.25	50/0.18	1.5	0.8	3.1	1.7	9.6	15.1	50	3000	130	16	100	500
3	1.25	50/0.18	1.5	0.8	3.1	1.7	10.1	15.1	50	3000	150	14	100	500
4	1.25	50/0.18	1.5	0.8	3.1	1.8	11.1	15.1	50	3000	180	13	100	500
5	1.25	50/0.18	1.5	0.8	3.1	1.9	12.2	15.1	50	3000	220	13	100	500
6	1.25	50/0.18	1.5	0.8	3.1	1.9	13.1	15.1	50	3000	255	11	100	500
7	1.25	50/0.18	1.5	0.8	3.1	1.9	13.1	15.1	50	3000	260	11	100	500
8	1.25	50/0.18	1.5	0.8	3.1	1.9	14.2	15.1	50	3000	280	10	100	500
2	2	37/0.26	1.8	0.8	3.4	1.8	10.4	9.79	50	3000	160	22	100	500
3	2	37/0.26	1.8	0.8	3.4	1.8	10.9	9.79	50	3000	185	19	100	500
4	2	37/0.26	1.8	0.8	3.4	1.8	11.8	9.79	50	3000	22	17	100	500
5	2	37/0.26	1.8	0.8	3.4	1.9	13.0	9.79	50	3000	270	17	100	500
6	2	37/0.26	1.8	0.8	3.4	2.0	14.2	9.79	50	3000	320	15	100	500
7	2	37/0.26	1.8	0.8	3.4	2.0	14.2	9.79	50	3000	335	14	100	500
8	2	37/0.26	1.8	0.8	3.4	2.0	15.4	9.79	50	3000	350	12	100	500
2	3.5	45/0.32	2.5	0.8	4.1	1.8	11.8	5.24	40	3000	215	32	100	500
3	3.5	45/0.32	2.5	0.8	4.1	1.9	12.6	5.24	40	3000	265	28	100	500
4	3.5	45/0.32	2.5	0.8	4.1	2.0	13.9	5.24	40	3000	330	25	100	500
5	3.5	45/0.32	2.5	0.8	4.1	2.0	15.1	5.24	40	3000	395	25	100	500
6	3.5	45/0.32	2.5	0.8	4.1	2.1	16.5	5.24	40	3000	470	21	100	500
7	3.5	45/0.32	2.5	0.8	4.1	2.1	16.5	5.24	40	3000	500	20	100	500
8	3.5	45/0.32	2.5	0.8	4.1	2.1	18.0	5.24	40	3000	530	19	100	500
2	5.5	70/0.32	3.1	1	5.1	2.0	14.2	3.37	40	3000	320	41	100	500
3	5.5	70/0.32	3.1	1	5.1	2.0	15.0	3.37	40	3000	385	36	100	500
4	5.5	70/0.32	3.1	1	5.1	2.1	16.5	3.37	40	3000	480	32	100	500
5	5.5	70/0.32	3.1	1	5.1	2.2	18.2	3.37	40	3000	858	32	100	500
6	5.5	70/0.32	3.1	1	5.1	2.3	19.9	3.37	40	3000	700	28	100	500
7	5.5	70/0.32	3.1	1	5.1	2.3	19.9	3.37	40	3000	740	24	100	500
8	5.5	70/0.32	3.1	1	5.1	2.3	21.7	3.37	40	3000	780	24	100	500
2	8	98/0.32	3.7	1.2	6.1	2.1	16.4	2.39	40	3000	420	51	100	500
3	8	98/0.32	3.7	1.2	6.1	2.2	17.5	2.39	40	3000	520	44	100	500
4	8	98/0.32	3.7	1.2	6.1	2.3	19.3	2.39	40	3000	640	39	100	500



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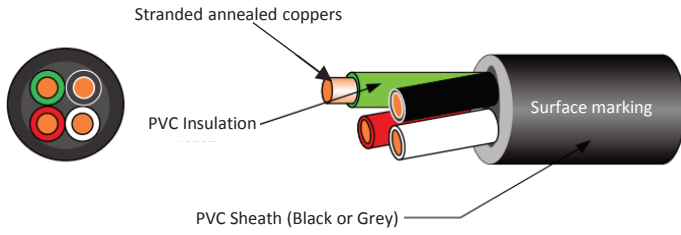
# VCTF LF

100V or 300V PVC Flexible Cords (Lead Free)

> 対象規格  
> Applicable standard



## Construction Figure



60 ° C

300V

High Quality

There is PVC for 2C - 4C cable

There is Rope for 5C - 8C cable

## Technical Data

Certification	PSE
Standard Subject	PSE Article table 1 (2C - 4C x 0.75 - 2SQ)
Official Code	VCTF
Voltage Rating	300V
Temperature Rating	60°C
Conductor Code	JIS C 3102
Multi Core	JIS 3005 4.26.2 b

## Identification

No. of Core	TIS		PSE Standard
	Phase	Phase + G	
1C	-	-	●
2C	● ●	-	● ●
3C	● ● ●	● ● ●	● ● ●
4C	● ● ● ●	● ● ● ●	● ● ● ●
5C	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
6C	-	-	● ● ● ● ● ●
7C	-	-	● ● ● ● ● ● ●
8C	-	-	● ● ● ● ● ● ● ●

Sheath Color is Black or Gray

## Construction Cable

No. of Core	Conductor			Insulator Thickness (mm)	Outer Diameter (mm)	Sheath Thickness (mm)	Overall Diameter (mm)	Electrical Characteristic			Approx Weight (kg/km)	Allowable Ampacity (A)	Standard Packing	
	Area (mm <sup>2</sup> )	Construction	Outer Diameter (mm)					Conductor Resistant (Ω/km20°C)	Electrical Strength (V/1min.)	Insulator Resistant (MΩ/km20°C)			Coil	Bobbin
2	0.3	12/0.18	0.7	0.4	1.5	0.8	4.6	62.9	5	2000	29	3.0	100	500
3	0.3	12/0.18	0.7	0.4	1.5	0.8	4.8	62.9	5	2000	35	3.0	100	500
4	0.3	12/0.18	0.7	0.4	1.5	0.8	5.2	62.9	5	2000	40	3.0	100	500
5	0.3	12/0.18	0.7	0.4	1.5	0.8	5.7	62.9	5	2000	50	3.0	100	500
6	0.3	12/0.18	0.7	0.4	1.5	0.8	6.1	62.9	5	2000	60	3.0	100	500
7	0.3	12/0.18	0.7	0.4	1.5	0.8	6.1	62.9	5	2000	60	3.0	100	500
8	0.3	12/0.18	0.7	0.4	1.5	0.8	6.6	62.9	5	2000	70	3.0	100	500
2	0.5	20/0.18	0.9	0.5	1.9	1.0	5.8	37.8	5	2000	45	5.0	100	500
3	0.5	20/0.18	0.9	0.5	1.9	1.0	6.1	37.8	5	2000	55	5.0	100	500
4	0.5	20/0.18	0.9	0.5	1.9	1.0	6.6	37.8	5	2000	65	5.0	100	500
5	0.5	20/0.18	0.9	0.5	1.9	1.0	7.1	37.8	5	2000	80	5.0	100	500
6	0.5	20/0.18	0.9	0.5	1.9	1.0	7.7	37.8	5	2000	95	5.0	100	500
7	0.5	20/0.18	0.9	0.5	1.9	1.0	7.7	37.8	5	2000	95	5.0	100	500
8	0.5	20/0.18	0.9	0.5	1.9	1.0	8.3	37.8	5	2000	110	5.0	100	500
2	0.75	30/0.18	1.1	0.6	2.3	1.0	6.6	25.1	5	2000	60	7.0	100	500
3	0.75	30/0.18	1.1	0.6	2.3	1.0	7.0	25.1	5	2000	75	7.0	100	500
4	0.75	30/0.18	1.1	0.6	2.3	1.0	7.6	25.1	5	2000	90	7.0	100	500
5	0.75	30/0.18	1.1	0.6	2.3	1.0	8.2	25.1	5	2000	105	7.0	100	500
6	0.75	30/0.18	1.1	0.6	2.3	1.0	8.9	25.1	5	2000	125	7.0	100	500
7	0.75	30/0.18	1.1	0.6	2.3	1.0	8.9	25.1	5	2000	130	7.0	100	500
8	0.75	30/0.18	1.1	0.6	2.3	1.0	9.6	25.1	5	2000	150	7.0	100	500
2	1.25	50/0.18	1.5	0.6	2.7	1.0	7.4	15.1	5	2000	80	12.0	100	500
3	1.25	50/0.18	1.5	0.6	2.7	1.0	7.8	15.1	5	2000	100	12.0	100	500
4	1.25	50/0.18	1.5	0.6	2.7	1.0	8.5	15.1	5	2000	120	12.0	100	500
5	1.25	50/0.18	1.5	0.6	2.7	1.0	9.3	15.1	5	2000	145	11.0	100	500
6	1.25	50/0.18	1.5	0.6	2.7	1.0	10.1	15.1	5	2000	175	11.0	100	500
7	1.25	50/0.18	1.5	0.6	2.7	1.0	10.1	15.1	5	2000	185	10.0	100	500
8	1.25	50/0.18	1.5	0.6	2.7	1.0	10.9	15.1	5	2000	210	9.8	100	500
2	2	37/0.26	1.8	0.6	3	1.0	8.0	9.76	5	2000	100	17.0	100	500
3	2	37/0.26	1.8	0.6	3	1.0	8.5	9.76	5	2000	125	17.0	100	500
4	2	37/0.26	1.8	0.6	3	1.0	9.2	9.76	5	2000	155	15.0	100	500
5	2	37/0.26	1.8	0.6	3	1.0	10.1	9.76	5	2000	190	14.0	100	500
6	2	37/0.26	1.8	0.6	3	1.0	11.0	9.76	5	2000	225	14.0	100	500
7	2	37/0.26	1.8	0.6	3	1.0	11.0	9.76	5	2000	240	13.0	100	500
8	2	37/0.26	1.8	0.6	3	1.0	11.9	9.76	5	2000	275	12.0	100	500
2	3.5	45/0.32	2.5	0.6	3.7	1.0	9.4	5.24	5	2000	155	30.0	100	500
3	3.5	45/0.32	2.5	0.6	3.7	1.0	10.0	5.24	5	2000	195	25.0	100	500
4	3.5	45/0.32	2.5	0.6	3.7	1.0	10.9	5.24	5	2000	235	23.0	100	500

\* 0.3 - 0.5SQ is not out of <PSE> Appliance and Material and can be used under 100V



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