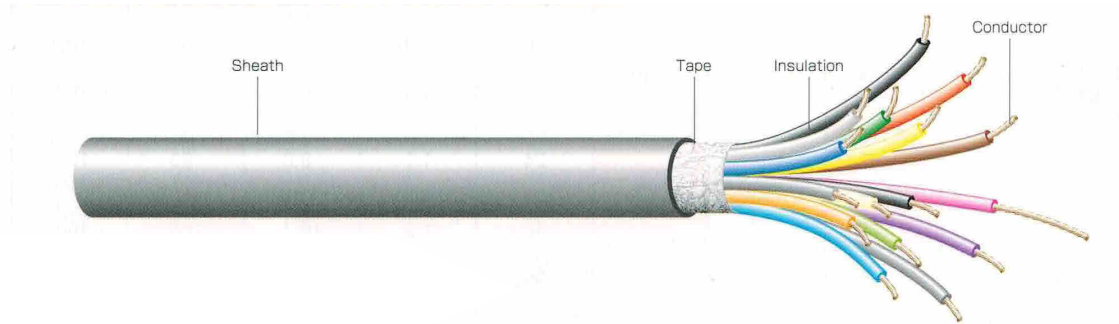


VCT-F

The Multi-core Coloured Soft Control Cables



Sheath colour available in Grey or Black

Cold Resistant -25°C

Heat Resistant +60°C

Application

VCTF control cables covers all electrical installation in dry and damp interiors under industry environment. Mostly as power supply and signal lines. It is suitable for free, non-continuous movement without strain relief.

Cable Makeup

Fine wire stranded bare copper wire, PVC core insulation, cores with coloured identification, outer sheath of special PVC based-compound

Special Feature

The sheath can be removed easily and due its flexibility and distinguish colour identification, it ease installation and reduce time

Technical Data

 Temperature Range / -25°C to +60°C

 Test Voltage / 100V

 Working Voltage / Up to 100V

 Insulation Resistance / 5MΩ/km(30°C)

< Electrical Characteristics >

Test content	Size/unit	0.18mm ²	0.25mm ²	0.5mm ²
Composition of conductor	mm	7/0.18	14/0.15	20/0.18
Diameter of Insulation	mm	1.05	1.25	2.0
Test voltage	V/min	100	100	100
Conductor resistance 30°C	Ω/km	108	76	37.1
Insulation resistance 30°C	MΩ/km	5	5	5

Cable Identification

< For 0.18mm² & 0.25mm² >

Core	Colour	Core	Colour	Core	Colour	Core	Colour
1	Black	11	Purple	21	Brown *	31	Blue Δ
2	White	12	Grey	22	Pink *	32	Yellow Δ
3	Red	13	Light Green	23	Light Blue *	33	Brown Δ
4	Green	14	Cream	24	Orange *	34	Pink Δ
5	Blue	15	Black O	25	Purple *	35	Light Blue Δ
6	Yellow	16	White *	26	Grey *	36	Orange Δ
7	Brown	17	Red *	27	Light Green *	37	Purple Δ
8	Pink	18	Green *	28	Cream *	38	Grey Δ
9	Light Blue	19	Blue *	29	White Δ	39	Light Green Δ
10	Orange	20	Yellow *	30	Green Δ	40	Cream Δ

O ... Mark Silver print mark

* ... Mark Black print mark

Δ ... Mark Red print mark

Cable Identification
< For 0.5mm² >

Core	Colour	Core	Colour	Core	Colour	Core	Colour
1	Black	11	Purple	21	Brown	31	Green
2	White	12	Grey	22	Pink	32	Blue
3	Red	13	Light Green	23	Light Blue	33	Yellow
4	Green	14	Cream	24	Orange	34	Brown
5	Blue	15	Black	25	Purple	35	Pink
6	Yellow	16	White	26	Grey	36	Light Blue
7	Brown	17	Red	27	Light Green	37	Orange
8	Pink	18	Green	28	Cream	38	Grey
9	Light Blue	19	Blue	29	White	39	Light Green
10	Orange	20	Yellow	30	Red	40	Cream

○ ... Mark **Silver** print mark

* ... Mark **Black** print mark

△ ... Mark **Red** print mark

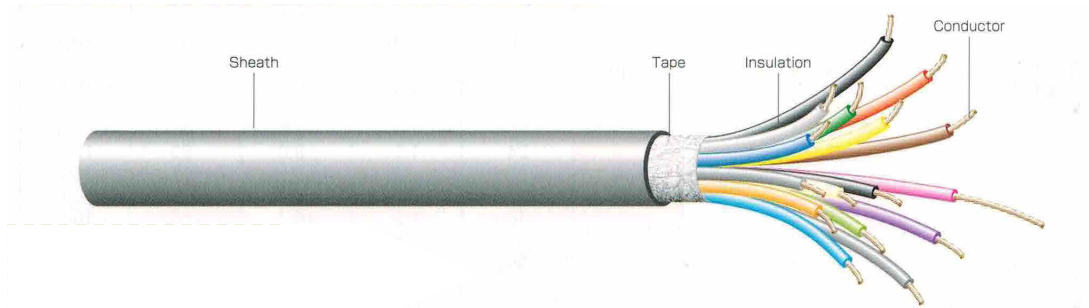
VCTF 100V

Part Number	Conductor			Insulation		No. of Cores	Sheath		Approx. Weight Kg/Km
	Nominal Sectional Area mm ²	Composition of Conductor mm	Diameter mm	Thickness mm	Diameter mm		Thickness of Sheath mm	Approx. Overall Diameter mm	
0000 @001802	0.18	7/0.18	0.54	0.25	1.05	2	0.5	3.0	14
0000 @001803						3	0.6	3.5	19
0000 @001804						4	0.6	4.0	24
0000 @001805						5	0.8	4.7	30
0000 @001806						6	0.9	5.2	35
0000 @001807						7	0.9	5.2	38
0000 @001808						8	0.9	5.5	41
0000 @001810						10	0.9	5.8	53
0000 @001812						12	0.9	6.0	59
0000 @001816						16	1.1	7.2	73
0000 @001820						20	1.1	7.5	86
0000 @001824						24	1.1	8.0	99
0000 @001830						30	1.2	8.7	120
0000 @001840						40	1.3	10.4	165
0000 @001850						50	1.5	11.5	190
0000 @002502	0.25	14/0.15	0.65	0.3	1.25	2	0.6	4.0	22
0000 @002503						3	0.6	4.2	28
0000 @002504						4	0.6	4.6	34
0000 @002505						5	0.7	5.0	39
0000 @002506						6	0.7	5.5	47
0000 @002508						8	0.7	6.1	58
0000 @002510						10	0.8	6.9	71
0000 @002512						12	0.8	7.1	80
0000 @002516						16	0.9	7.9	100
0000 @002518						18	0.9	8.4	110
0000 @002520						20	0.9	9.0	120
0000 @002522						22	0.9	9.0	132
0000 @002525						25	1.0	10.0	145
0000 @002530						30	1.0	10.4	174
0000 @002540						40	1.1	11.9	233
0000 @005002	0.5	20/0.18	1.0	0.5	2.0	2	1.0	6.0	50
0000 @005003						3	1.0	6.4	58
0000 @005004						4	1.0	6.8	64
0000 @005005						5	1.0	7.4	74
0000 @005006						6	1.0	8.0	86
0000 @005008						8	1.0	9.0	113
0000 @005010						10	1.2	10.4	132
0000 @005012						12	1.2	10.8	151
0000 @005016						16	1.3	12.5	197
0000 @005020						20	1.3	13.6	247
0000 @005024						24	1.5	15.0	300
0000 @005030						30	1.5	15.8	360

Note : @ will be replaced by 0 for Black Sheath; @ will be replaced by 1 for Grey Sheath

VCTF













The Multi-core Coloured Control Cables



Sheath colour available in Grey or Black

Cold Resistance -25°C

Heat Resistance +60°C

<p>■ Application VCTF control cables covers all electrical installation in dry and damp interiors under industry environment. Mostly as power supply and signal lines. It is suitable for free, non-continuous movement without strain relief.</p>	<p>■ Cable Makeup Fine wire stranded bare copper wire, PVC core insulation, cores with coloured identification, outer sheath of special PVC based-compound</p> <p>■ Special Feature The sheath can be removed easily and due its flexibility and distinguish colour identification, it ease installation and reduce time</p>				
<p>■ Technical Data</p> <table border="0"> <tr> <td data-bbox="263 1318 812 1360">  Temperature Range / -15°C to +60°C </td> <td data-bbox="812 1318 1367 1360">  Test Voltage / 1000V </td> </tr> <tr> <td data-bbox="263 1367 812 1409">  Working Voltage / Up to 300V </td> <td data-bbox="812 1367 1367 1409">  Insulation Resistance / 5M/km(30°C) </td> </tr> </table>		 Temperature Range / -15°C to +60°C	 Test Voltage / 1000V	 Working Voltage / Up to 300V	 Insulation Resistance / 5M/km(30°C)
 Temperature Range / -15°C to +60°C	 Test Voltage / 1000V				
 Working Voltage / Up to 300V	 Insulation Resistance / 5M/km(30°C)				

< Electrical Characteristics >

Test content	Size/unit	0.75mm ²	1.25mm ²	2.0mm ²
Composition of conductor	mm	30/0.18	50/0.18	37/0.26
Diameter of Insulation	mm	2.3	2.7	3.0
Test voltage	V/min	1000	1000	1000
Conductor resistance 30°C	Ω/km	24.8	14.9	9.5
Insulation resistance 30°C	MΩ/km	5	5	5

Cable Identification

< For JIS standard >

Core	Colour	Core	Colour	Core	Colour
1	Black	11	Purple	21	Brown
2	White	12	Grey	22	Pink
3	Red	13	Light Green	23	Light Blue
4	Green	14	Cream	24	Orange
5	Blue	15	Black	25	Purple
6	Yellow	16	White	26	Grey
7	Brown	17	Red	27	Light Green
8	Pink	18	Green	28	Cream
9	Light Blue	19	Blue	29	White
10	Orange	20	Yellow	30	Red

○ ... Mark **Silver** print mark

* ... Mark **Black** print mark

< For IEC standard >

Cores	Identification
2	White + Black core
3 & above	Yellow/Green + Black core with numbering 1~

VCTF 300V

Part Number	Conductor		Insulation		No. of Cores	Sheath		Approx. Weight Kg/Km				
	Nominal Sectional Area mm ²	Composition of Conductor mm	Thickness mm	Diameter mm		Thickness of Sheath mm	Approx. Overall Diameter mm					
0000 @007502	0.75	30/0.18	0.6	2.3	2	1.0	6.6	65				
0000 @007503					3	1.0	7.0	75				
0000 @007504					4	1.0	7.6	90				
0000 @007505					5	1.0	8.2	100				
0000 @007506					6	1.0	8.9	115				
0000 @007507					7	1.0	8.9	125				
0000 @007508					8	1.0	10.0	140				
0000 @007510					10	1.0	11.5	170				
0000 @007512					12	1.0	12.0	190				
0000 @007516					16	1.0	13.5	240				
0000 @007520					20	1.1	13.5	300				
0000 @007524					24	1.2	16.5	360				
0000 @007530					30	1.2	17.5	440				
0000 @012502					1.25	50/0.18	0.6	2.7	2	1.0	7.4	80
0000 @012503	3	1.0	7.8	95								
0000 @012504	4	1.0	8.5	120								
0000 @012505	5	1.0	9.3	140								
0000 @012506	6	1.0	10.0	170								
0000 @012507	7	1.0	10.0	175								
0000 @012508	8	1.0	11.5	200								
0000 @012510	10	1.0	13.0	250								
0000 @012512	12	1.0	13.5	270								
0000 @012516	16	1.1	15.0	360								
0000 @012520	20	1.3	17.0	440								
0000 @020002	2.0	37/0.26	0.6	3.0					2	1.0	8.0	100
0000 @020003									3	1.0	8.5	125
0000 @020004									4	1.0	9.2	150
0000 @020005					5	1.0	10.0	180				
0000 @020006					6	1.0	11.0	220				
0000 @020007					7	1.0	11.0	235				
0000 @020008					8	1.0	12.5	260				
0000 @020010					10	1.1	14.5	330				
0000 @020012					12	1.1	15.0	370				
0000 @020016					16	1.2	17.0	490				
0000 @020020					20	1.2	18.5	600				

Note : @ will be replaced by **0** for Black Sheath; @ will be replaced by **1** for Grey Sheath