

# VCTF

RoHS Compliant Cable

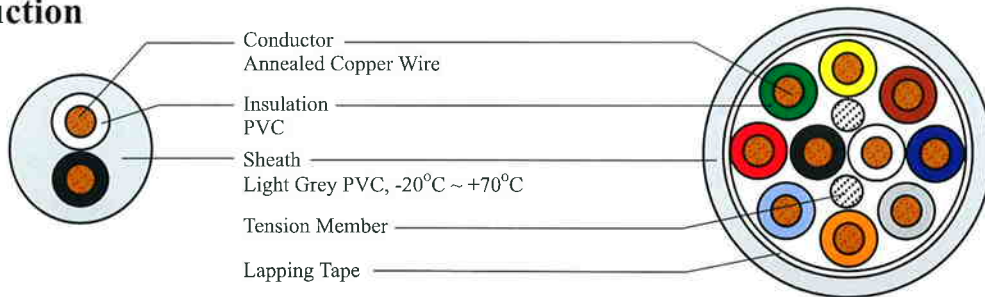
## Feature

- Different color and marking on each core, easy to recognize
- Highly flexible
- Against UV, fire retardant lead-free PVC, comply with RoHS standard
- Comply with JIS C 3306 Standard

## Application

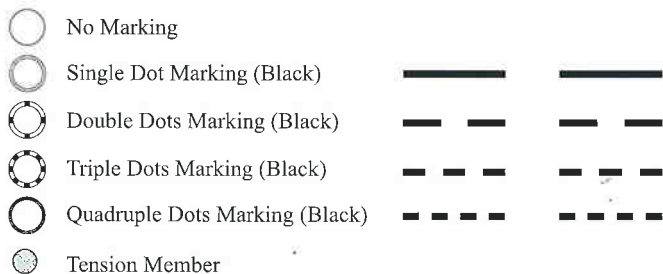
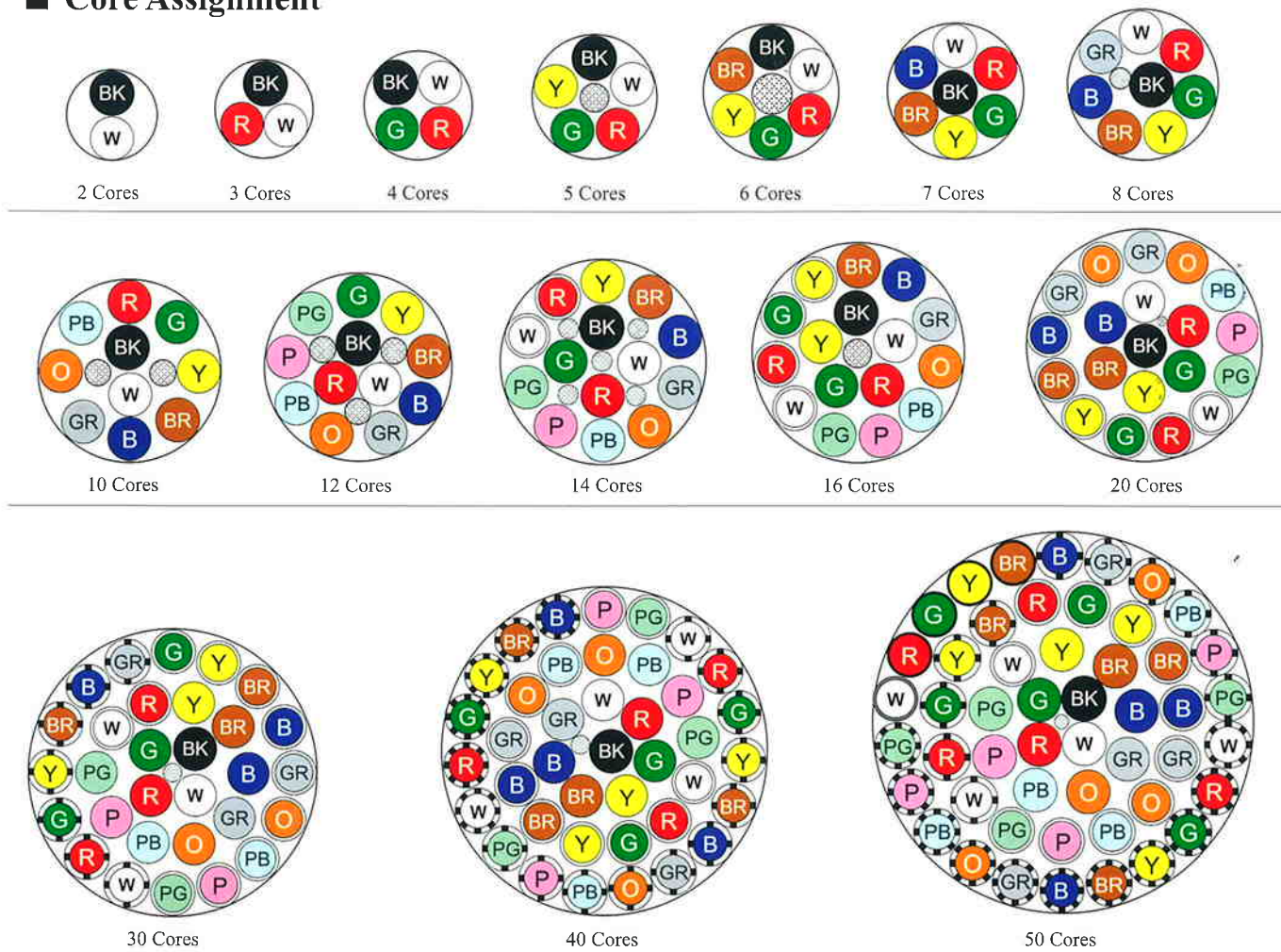
- Connecting OA machine, FA machine, control system and professional AV system
- Power cord, extended wiring and internal wiring for electric appliance under 300V

## Construction



Cross-Sectional Area (mm <sup>2</sup> )	Item	Cores																			
		2	3	4	5	6	7	8	10	12	14	15	16	20	30	40	50	60			
0.3	Strand / Diameter (mm)	12/0.18																			
	Insulation Thickness (mm)	0.4																			
	Sheath Thickness (mm)	0.8				1.0				1.1											
	Overall Diameter (mm)	4.6	4.8	5.2	5.7	6.1	6.1	7.0	8.0	8.2	8.7	8.9	9.2	9.9	11.7	13.3	14.9	15.8			
	Outer Diameter 0.7mm	Approximate Weight (kg/km)		28	32	38	42	49	55	70	80	90	100	110	120	140	200	270	330	380	
	Standard Length (m)	100						1000						500							
0.5	Strand / Diameter (mm)	20/0.18																			
	Insulation Thickness (mm)	0.5																			
	Sheath Thickness (mm)	1.0										1.1		1.2		1.3					
	Overall Diameter (mm)	5.8	6.1	6.6	7.1	7.7	7.7	8.3	9.6	9.9	10.5	10.7	11.0	11.9	14.5	16.4	18.5	19.8			
	Outer Diameter 0.9mm	Approximate Weight (kg/km)		44	55	65	90	100	110	120	130	150	160	180	180	230	320	410	500	600	
	Standard Length (m)	100						1000						500							
0.75	Strand / Diameter (mm)	30/0.18																			
	Insulation Thickness (mm)	0.6																			
	Sheath Thickness (mm)	1.0										1.1		1.2		1.3		1.4			
	Overall Diameter (mm)	6.6	7.0	7.6	8.2	8.9	8.9	9.6	11.2	11.6	12.3	12.6	12.9	14.2	17.3	19.5	22.3	23.6			
	Outer Diameter 1.1mm	Approximate Weight (kg/km)		60	70	90	100	120	130	140	170	190	220	240	250	310	460	590	740	870	
	Standard Length (m)	100						1000						500							
1.25	Strand / Diameter (mm)	50/0.18																			
	Insulation Thickness (mm)	0.6																			
	Sheath Thickness (mm)	1.0						1.1				1.2		1.3		1.4		1.5		1.6	
	Overall Diameter (mm)	7.4	7.8	8.5	9.3	10.1	10.1	10.9	12.8	13.4	14.2	14.6	15.0	16.5	20.0	22.6	25.8	27.6			
	Outer Diameter 1.5mm	Approximate Weight (kg/km)		80	95	120	140	170	170	190	240	280	320	340	360	450	650	850	1060	1280	
	Standard Length (m)	100						1000						500		300					
2.0	Strand / Diameter (mm)	37/0.26																			
	Insulation Thickness (mm)	0.6																			
	Sheath Thickness (mm)	1.0						1.1				1.2		1.4		1.5		1.6		1.7	
	Overall Diameter (mm)	8.0	8.5	9.3	10.1	11.0	11.0	11.9	14.2	14.7	15.5	16.1	16.6	18.0	22.1	25.0	28.5	30.5			
	Outer Diameter 1.8mm	Approximate Weight (kg/km)		100	120	150	180	210	230	260	320	380	420	450	490	600	900	1150	1470	1750	
	Standard Length (m)	100						1000						500		300					
Cross-Sectional Area (mm <sup>2</sup> )	Item	Cores																			
		2	3	4	5	6	7	8	10	12	14	15	16	20	30	40	50	60			

## ■ Core Assignment



BK: Black	B: Blue
W: White	GR: Grey
R: Red	O: Orange
G: Green	PB: Pastel Blue
Y: Yellow	P: Peach
BR: Brown	PG: Pastel Green

## ■ Electrical Property

Conductor (mm <sup>2</sup> )	Strand / Diameter (mm)	Conductor Resistance (20°C) Max. Ω/km	Insulation Resistance (Min. MΩ·km)		Withstand Voltage AC V/1 minute	Current Rating (Conductor Temperature at 60°C)
			20°C	60°C		
0.3	12/0.18	62.9	5	0.01	1000	3
0.5	20/0.18	37.8				5
0.75	30/0.18	25.1				7
1.25	50/0.18	15.1				12
2.0	37/0.26	9.79				17

ISO 9001 認証取得工場  
日本工業規格表示許可工場

 **関西通信電線株式会社**  
KANSAI TSUSHIN DENSEN CO.,LTD.

URL <http://www.kantsu.co.jp>

本社 〒665-0044 兵庫県宝塚市末成町40番7号 TEL:0797-71-2425 FAX:0797-71-2101  
東京営業所 〒150-0013 東京都渋谷区恵比寿4-6-10 (恵比寿ホークビル6F) TEL:03-5421-3871 FAX:03-5421-3878  
三本松工場 〒769-2601 香川県東かがわ市三本松1921番 TEL:0879-25-3161 FAX:0879-25-3162