

VCTF

Polyvinyl chloride insulated
flexible cords



MITSUBOSHI CO., LTD.

Features

General purpose Vinyl cable cable which has flexibility.

Gray Sheath color is standard, but we could employ black-color if you want.

* We also manufacture the cables with more than 20 cores and more than 2 mm² of core.

In compliance with RoHS

Application

Mainly for small electric tools with less than 300V inside of premises.

Identification

The standard is an identification by 12 colors (black, white, red, green, yellow, brown, blue, gray, orange, light green, pink, light blue).

And the higher than 13 cores are identified by 12 colors and additional line colors.

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Identification	Black	White	Red	Green	Yellow	Brown	Blue	Gray	Orange	Light - Green	Pink	Light - Blue	White	Red	Green
Line color	—	—	—	—	—	—	—	—	—	—	—	—	Black	Black	Black
No.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Identification	Yellow	Brown	Blue	Gray	Orange	Light - Green	Pink	Light - Blue	Black	White	Green	Yellow	Brown	Blue	Gray
Line color	Black	Black	Black	Black	Black	Black	Black	Black	Red	Red	Red	Red	Red	Red	Red

Size table

Nominal section area (mm ²)	Conductors (mm)		Insulation (mm)		Overall diameter (Number of core) (approx.) (mm)											
	Composition	Outside diameter (approx.)	Thickness Standard	Outside diameter (approx.)	2	3	4	5	6	7	8	10	12	16	20	30
*0.3	(A) 12/0.18	0.7	0.4	1.5	5.0	5.2	5.6	6.1	6.5	6.5	7.3	8.3	8.5	9.4	10.1	11.9
*0.5	(A) 20/0.18	0.9	0.6	2.1	6.2	6.5	7.1	7.7	8.3	8.3	9.2	10.7	11.0	12.2	13.2	16.2
0.75	(A) 30/0.18	1.1	0.6	2.3	6.6	7.0	7.6	8.2	8.9	8.9	9.9	11.5	11.9	13.1	14.4	17.5
1.25	(A) 50/0.18	1.5	0.6	2.7	7.4	7.8	8.5	9.3	10.1	10.1	11.2	13.1	13.7	15.2	16.7	20.2
2	(A) 37/0.26	1.8	0.6	3.0	8.0	8.5	9.2	10.1	11.0	11.0	12.2	14.5	15.0	16.8	18.2	22.3
3.5	(A) 45/0.32	2.5	0.6	3.7	9.4	10.0	10.9									
5.5	(A) 70/0.32	3.1	0.8	4.7	11.4	12.1	13.5									

* The size 0.3 mm² and 0.5 mm² are for use in under 100V electronic circuit.

