

PVC/PVC MULTICORE FLEXIBLE CABLE MVV-S SHIELDED CONTROL CABLE



CONDUCTOR

Fine stranded tinned copper wire with 0.65mm nominal diameter of conductor for 0.25mm²; and 1.00mm nominal diameter of conductor for 0.50mm²

CORE INSULATION

Color coded PVC insulation with all cores assembly cabling together.

0.25mm² : Nominal thickness: 0.30mm, Min. thickness: 0.20mm; Nominal Core Diameter: 1.25mm, Min./Max. Diameter: 1.15/1.35mm

0.50mm² : Nominal thickness: 0.50mm, Min. thickness: 0.40mm; Nominal Core Diameter: 2.00mm, Min./Max. Diameter: 1.85/2.15mm

OUTER SHEATH

Very soft black PVC outer sheath

APPLICATION

Data transmission cables used in the electronics of computer systems, electronic control equipment, etc... Tinned copper wire braiding protects against high frequency interference. It is suitable for free, non-continuous movement without strain relief.

VOLTAGE RATING

300V

SPARK TEST (WITHSTAND IN AIR)

3000V

VOLTAGE TEST (WITHSTAND IN WATER)

1500V/1min

TEMPERATURE RATING

Max. 105°C, Min. flexing 0°C

FILLER

White Nylon Filler Yarn (Optional)

BINDING TAPE

One white Separator paper wrapped overlap min. 20%. as binding tape

BRAIDING SHIELD

Tinned copper wire braiding

PACKING

100mtr

Conductor		Nominal Thickness	Outer Sheath		Overall Diameter			Current Rating	Filler	Max Conductor Resistance At 20°C
No. of Cores x Nominal Cross Sectional Area	No. of Strands / Diameter of Wire		Nominal Thickness	Min Thickness	Nominal Diameter	Min. Diameter	Max. Diameter			
n x mm ²	No./mm	No./mm	mm	mm	mm	mm	mm	A	Ω /km	
2 x 0.25	14/0.15	16x7/0.10	0.80	0.60	4.60	4.30	5.00	3.45	without	69.70
3 x 0.25	14/0.15	16x8/0.10	0.80	0.60	4.80	4.50	5.20	3.02	without	69.70
4 x 0.25	14/0.15	16x8/0.10	0.80	0.60	5.10	4.80	5.50	2.80	without	69.70
6 x 0.25	14/0.15	16x6/0.12	0.90	0.65	5.90	5.60	6.40	2.37	with	69.70
8 x 0.25	14/0.15	16x7/0.12	0.90	0.65	6.50	6.20	6.90	2.16	without	69.70
12 x 0.25	14/0.15	16x8/0.12	1.00	0.75	7.70	7.30	8.20	1.94	without	69.70
16 x 0.25	14/0.15	16x8/0.15	1.20	0.95	8.90	8.50	9.40	1.72	with	69.70
20 x 0.25	14/0.15	16x9/0.15	1.20	0.95	9.50	9.10	10.00	1.72	without	69.70
25 x 0.25	14/0.15	16x9/0.15	1.20	0.95	10.70	10.20	11.20	1.72	without	69.70
2 x 0.50	20/0.18	16x7/0.10	1.00	0.80	6.50	6.30	6.70	6.16	without	37.10
3 x 0.50	20/0.18	16x8/0.10	1.00	0.80	6.80	6.60	7.00	5.39	without	37.10
4 x 0.50	20/0.18	16x8/0.10	1.00	0.80	7.30	7.10	7.50	5.01	without	37.10
6 x 0.50	20/0.18	16x7/0.12	1.00	0.80	8.50	8.30	8.70	4.24	with	37.10
8 x 0.50	20/0.18	16x7/0.12	1.00	0.80	8.70	8.50	8.90	3.85	without	37.10
10 x 0.50	20/0.18	16x8/0.12	1.20	0.95	10.90	10.60	11.20	3.85	without	37.10
12 x 0.50	20/0.18	16x8/0.12	1.20	0.95	11.20	10.90	11.50	3.47	without	37.10
16 x 0.50	20/0.18	16x8/0.15	1.30	1.10	13.10	12.80	13.40	3.08	with	37.10

Conductor		Nominal Thickness	Outer Sheath		Overall Diameter			Current Rating	Filler	Max Conductor Resistance At 20°C
No. of Cores x Nominal Cross Sectional Area	No. of Strands / Diameter of Wire		Nominal Thickness	Min Thickness	Nominal Diameter	Min. Diameter	Max. Diameter			Ω /km
n x mm ²	No./mm		mm	mm	mm	mm	mm			A
20 x 0.50	20/0.18	16x9/0.15	1.30	1.10	14.10	13.80	14.40	3.08	without	37.10
25 x 0.50	20/0.18	24x6/0.15	1.50	1.30	16.20	15.80	16.50	3.08	without	37.10

INSULATION COLOR

1	RED (R)	2	BLUE (BL)	3	WHITE	4	BLAC	5	BROW
6	PURPLE (PR)	7	ORANGE (O)	8	PINK (PI)	9	LT BLUE	10	GREY (GR)
11	WH/BK	12	WH/RD	13	WH/GR	14	WH/Y	15	WH/BR
16	WH/BL	17	WH/LT GN	18	WH/OR	19	WH/P	20	LT
21	LT BL/YL	22	LT BL/BR	23	LT BL/GN	24	LT	25	LT