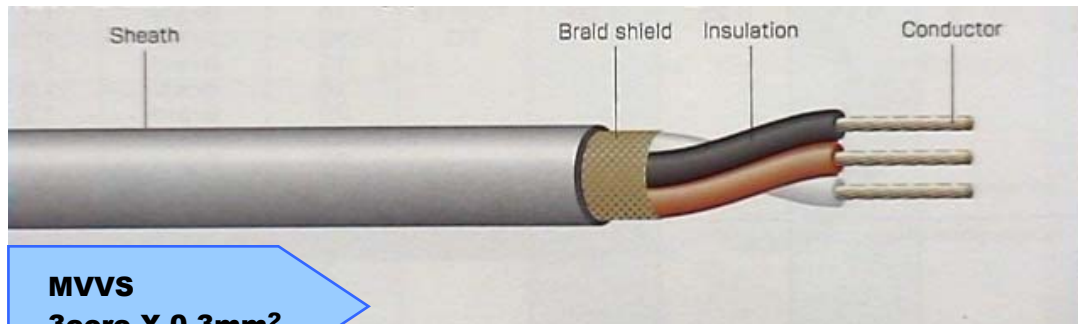


The Data Transmission Cable with Screen Braiding



MVVS
3core X 0.3mm²

Sheath colour available in Grey or Black

Cold Resistant -25°C

Heat Resistant +60°C

Application

MVVS data transmission cables are used in the electronics of computer systems, electronic control equipment, etc. Copper screen braiding protects against high frequency interference. 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, Screening is 0.12 tinned annealed copper wire, 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/1000V

 Working Voltage / Up to 100V

 Insulation Resistance / 5MΩ/km(30°C)

< Electrical Characteristics >

Test content	Size/unit	0.18mm ²	0.25mm ²	0.3mm ²	0.5mm ²	0.75mm ²	1.25mm ²	2.0mm ²
Composition of conductor	mm	7/0.18	14/0.15	12/0.18	20/0.18	30/0.18	50/0.18	37/0.26
Diameter of Insulation	mm	1.05	1.25	1.5	2.0	2.1	2.7	3.0
Test voltage	V/min	100	100	100	100	1000	1000	1000
Conductor resistance 30°C	Ω/km	108	76	61.9	37.1	24.8	14.9	9.5
Insulation resistance 30°C	MΩ/km	5	5	5	5	5	5	5

Cable Identification

< For Black Sheath >

Core	Colour	Core	Colour	Core	Colour	Core	Colour
1	White	11	Purple	21	Brown *	31	Blue Δ
2	Red	12	Grey	22	Pink *	32	Yellow Δ
3	Black	13	Light Green	23	Light Blue *	33	Brown Δ
4	Green	14	Cream	24	Orange *	34	Pink Δ
5	Blue	15	White *	25	Purple *	35	Light Blue Δ
6	Yellow	16	Red *	26	Grey *	36	Orange Δ
7	Brown	17	Black *	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

* ... Mark **Black** print mark Δ ... Mark **Red** print mark

Cable Identification list for Grey Sheath can be obtained from Sales department

MVVS 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	0.4	3.0	16					
0000 @001803						3	0.6	3.5	23					
0000 @001804						4	0.7	4.2	30					
0000 @001806						6	0.9	5.8	48					
0000 @001808						8	0.9	6.0	55					
0000 @001810						10	0.9	6.5	66					
0000 @001812						12	0.9	6.8	73					
0000 @001816						16	1.1	7.8	93					
0000 @001820						20	1.1	8.0	110					
0000 @001825						25	1.2	9.1	130					
0000 @001830						30	1.2	9.3	142					
0000 @001840						40	1.3	11.0	199					
0000 @001850						50	1.5	12.0	238					
0000 @001860						60	1.8	13.5	270					
0000 @002502	0.25	14/0.15	0.65	0.3	1.25	2	0.8	4.6	29					
0000 @002503						3	0.8	4.8	40					
0000 @002504						4	0.9	5.5	48					
0000 @002506						6	0.9	6.0	57					
0000 @002508						8	0.9	6.8	70					
0000 @002510						10	1.0	7.5	83					
0000 @002512						12	1.0	7.7	93					
0000 @002516						16	1.1	8.5	115					
0000 @002520						20	1.2	9.8	132					
0000 @002525						25	1.3	11.1	170					
0000 @002540						40	1.3	12.9	267					
0000 @003002						0.3	12/0.18	0.7	0.4	1.5	2	0.8	5.2	36
0000 @003003											3	0.8	5.4	48
0000 @003004											4	1.0	6.2	58
0000 @003005	5	1.0	6.7	61										
0000 @003006	6	1.0	7.1	68										
0000 @003008	8	1.0	7.8	84										
0000 @003010	10	1.0	8.5	100										
0000 @003012	12	1.2	9.1	112										
0000 @003016	16	1.3	10.3	138										
0000 @003020	20	1.3	11.0	158										
0000 @003030	30	1.3	12.5	243										
0000 @003040	40	1.5	14.5	320										
0000 @005002	0.5	20/0.18	1.0	0.5	2.0						2	1.0	6.4	26
0000 @005003											3	1.0	6.8	62
0000 @005004						4	1.0	7.3	72					
0000 @005006						6	1.0	8.5	81					
0000 @005007						7	1.0	8.5	100					
0000 @005008						8	1.0	9.5	108					
0000 @005010						10	1.2	10.6	129					
0000 @005012						12	1.2	11.0	148					
0000 @005016						16	1.3	13.0	168					
0000 @005020						20	1.5	13.7	216					
0000 @005030						30	1.5	16.0	387					

Note : @ will be replaced by 7 for Black Sheath; @ will be replaced by 8 for Grey Sheath

MVVS 300V

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 @007502	0.75	30/0.18	1.1	0.5	2.1	2	1.0	6.9	67					
0000 @007503						3	1.0	7.2	78					
0000 @007504						4	1.0	8.0	94					
0000 @007505						5	1.2	8.9	106					
0000 @007506						6	1.2	9.5	119					
0000 @007507						7	1.2	9.5	131					
0000 @007508						8	1.2	10.4	150					
0000 @007510						10	1.3	11.5	191					
0000 @007512						12	1.3	12.1	213					
0000 @007514						14	1.3	12.8	248					
0000 @007516						16	1.5	13.7	275					
0000 @007520						20	1.5	15.0	335					
0000 @007524						24	1.5	16.0	400					
0000 @007526						26	1.5	16.5	430					
0000 @007530						30	1.7	17.5	500					
0000 @012502	1.25	50/0.18	1.5	0.6	2.7	2	1.0	8.1	95					
0000 @012503						3	1.0	8.5	114					
0000 @012504						4	1.0	9.3	121					
0000 @012505						5	1.2	10.4	165					
0000 @012506						6	1.2	11.0	186					
0000 @012507						7	1.2	11.0	204					
0000 @012508						8	1.4	12.0	234					
0000 @012510						10	1.4	13.5	287					
0000 @012512						12	1.6	14.3	334					
0000 @012516						16	1.6	16.5	419					
0000 @012520						20	1.6	18.5	500					
0000 @012530						30	1.7	21.5	735					
0000 @020002						2.0	37/0.26	1.8	0.6	3.0	2	1.0	8.7	115
0000 @020003											3	1.0	9.0	135
0000 @020004											4	1.0	10.0	170
0000 @020005	5	1.2	11.5	203										
0000 @020006	6	1.2	12.5	234										
0000 @020007	7	1.4	12.5	258										
0000 @020008	8	1.4	13.5	295										
0000 @020010	10	1.6	15.0	362										
0000 @020012	12	1.6	15.5	432										

Note : @ will be replaced by 7 for Black Sheath; @ will be replaced by 8 for Grey Sheath