

MVVS 0.3mm² ~ 2.0mm²

Applications/Features

- For microphone, signal lines, etc.
- Soft and flexible.
- The braided shield*1 reduces the noise.
- Compliant with RoHS2.

※1 MVVS 0.3mm²×1C has spiral shield.

※2 This cable is not designed for the tough environment under heat and oil. In such cases, U-TKVV series and TKVVBS series are suitable.

Standard

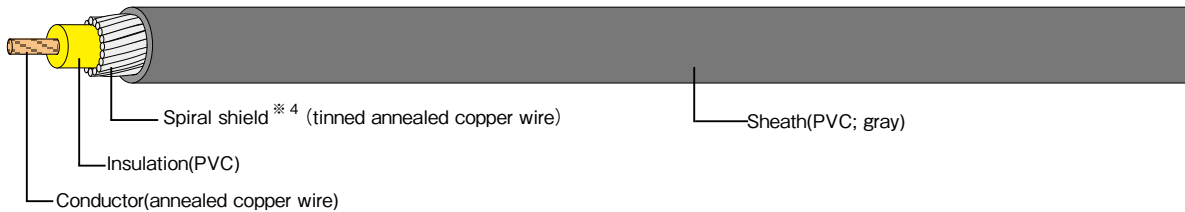
Standard

	TATSUTA TACHII Standard
Standard	(JCS4271) ※3
Style/Type	—
Rated voltage	60V
Rated temp.	60°C
Flame retardance	JIS 60° Inclining

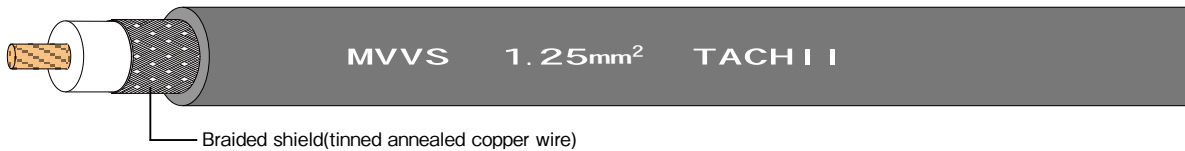
※3 JCS4271 is referenced as an applicable standard, but this cable does not conform to all standards.

Construction/Properties

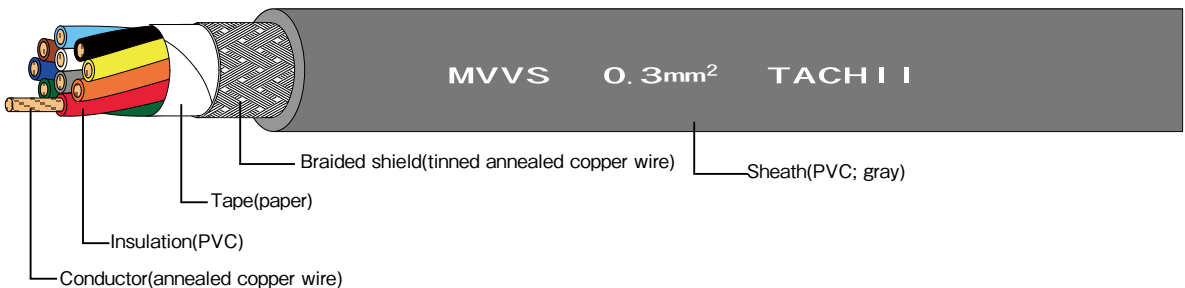
MVVS 0.3mm² × 1C (PVC-SP 0.3mm² × 1C)



MVVS 1.25mm² × 1C



MVVS 0.3mm² × 10C



MVVS 0.3mm² ~ 2.0mm²

Model	Conductor			Insulation		Sheath		Weight kg/km	Conductor resistance (20°C) Ω /km	Insulation resistance (20°C) MΩ · km	Test Voltage V·1min	Allowable Current (30°C) A	Length m							
	Size	Const- ruction	OD	Thick- ness	OD	Thick- ness	OD													
	AWG	No./mm	mm	mm	mm	mm	mm													
0.3mm ² × 1C	0.3	12/0.18	0.7	0.40	1.5	0.38	2.5	13	62.9 or under	5 or more	AC500	5.9	100 (B)							
0.3mm ² × 2C						0.85	5.2	36				4.8								
0.3mm ² × 3C						0.95	5.6	45				4.2								
0.3mm ² × 4C						0.95	6.0	52				3.8								
0.3mm ² × 5C						0.95	6.6	61				3.4								
0.3mm ² × 6C						0.95	7.0	68				3.2								
0.3mm ² × 7C						1.05	7.2	77				3.0								
0.3mm ² × 8C						1.05	7.7	85				2.8								
0.3mm ² × 10C						1.05	8.7	104				2.6								
0.3mm ² × 12C						1.05	8.9	115				2.4								
0.3mm ² × 16C						1.05	9.8	150				2.2								
0.3mm ² × 20C						1.05	10.7	177				2.0								
0.3mm ² × 30C						1.05	12.3	240				1.6								
0.3mm ² × 50C						1.05	15.3	347				1.3		100(D)						
0.5mm ² × 1C						0.5	20/0.18	0.9				0.85		2.6	0.80	4.7	33	37.8 or under	5 or more	AC500
0.5mm ² × 2C	0.95	6.5	55	7.1																
0.5mm ² × 3C	1.05	7.0	67	6.2																
0.5mm ² × 4C	1.05	7.6	81	5.6																
0.5mm ² × 5C	1.05	8.1	91	5.0																
0.5mm ² × 6C	1.05	8.7	105	4.7																
0.5mm ² × 7C	1.05	8.7	112	4.4																
0.5mm ² × 8C	1.05	9.3	125	4.1																
0.5mm ² × 10C	1.05	10.7	151	3.8																
0.5mm ² × 12C	1.05	11.0	171	3.5																
0.5mm ² × 16C	1.05	12.1	213	3.2																
0.5mm ² × 20C	1.05	13.3	255	2.9																
0.5mm ² × 30C	1.15	15.7	376	2.4	100(D)															
0.75mm ² × 1C	0.75	30/0.18	1.1	0.85	2.8				0.80	4.9	37	25.1 or under	5 or more	AC500	12.2	100 (B)				
0.75mm ² × 2C				0.95	6.9				64	9.2										
0.75mm ² × 3C				1.05	7.5	80	8.0													
0.75mm ² × 4C				1.25	8.4	103	7.3													
0.75mm ² × 5C				1.25	9.1	118	6.5													
0.75mm ² × 6C				1.25	9.7	134	6.0													
0.75mm ² × 7C				1.25	9.7	144	5.7													
0.75mm ² × 8C				1.25	10.4	163	5.3													
0.75mm ² × 10C				1.25	11.9	196	4.9													
1.25mm ² × 1C				1.25	50/0.18	1.5	0.80	3.1	0.80	5.2	45				15.1 or under		5 or more	AC500	16.6	100 (B)
1.25mm ² × 2C	0.95	7.9	84				13.0													
1.25mm ² × 3C	1.05	8.5	107				11.4													
1.25mm ² × 4C	1.25	9.6	138				10.3													
1.25mm ² × 5C	1.25	10.4	166				9.2													
1.25mm ² × 6C	1.25	11.2	188				8.5													
1.25mm ² × 7C	1.25	11.2	202				8.1													
1.25mm ² × 8C	1.30	12.1	231				7.6													
2.0mm ² × 1C	2.0	37/0.26	1.8				0.80	3.4	0.80	5.5	54	9.79 or under	5 or more	AC500		21.7			100 (B)	
2.0mm ² × 2C				0.95	8.5	104	17.0													
2.0mm ² × 3C				1.25	9.6	143	15.0													
2.0mm ² × 4C				1.25	10.4	177	13.5													

• Refer to P.52 "Pattern ⑨" for core configuration.

• "B" in Length part means "Bundle", "D" in Length part means "Drum".

Instrumentation Cable
(For general use)