

Fa-NC Cable

Applications/Features

- For signal lines of machine tools.(Ask our sales staff for details.)
- Custom-made is also available.(Ask our sales staff for details.)
- Compliant with RoHS2.

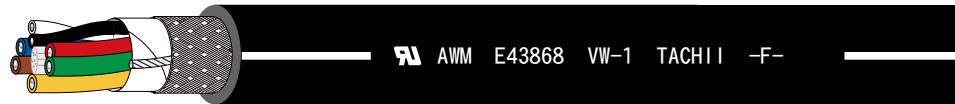
Line-ups

	Model	Construction	Type	Standard [rating]	Length
#0460	FA-7C-2	AWG25 × 1P + AWG23 × 5C Overall braided shield	short distance ・ Flexible	UL758 Style 2464 [300V ・ 80°C]	100m (B)
#0462	FA-7C-3	AWG25 × 1P + AWG20 × 5C Overall braided shield	long distance ・ Flexible	UL758 Style 2464 [300V ・ 80°C]	100m (B)
#0479	FA-9C-1	AWG25 × 2P + AWG23 × 5C Overall braided shield	short distance ・ Flexible	UL758 Style 2464 [300V ・ 80°C]	100m (B)
#0481	FA-7C-4	AWG25 × 1P + AWG23 × 5C Overall braided shield	short distance ・ Fixed	UL758 Style 20276 [30V ・ 80°C]	100m (B)
#0482	FA-10C-1	AWG25 × 4P + AWG23 × 2C Overall braided shield	short distance ・ Semi-flexible	UL758 Style 20276 [30V ・ 80°C]	100m (B)
#0317	KK-12C-5	AWG24 × 3P + AWG21 × 6C Overall braided shield	Semi-flexible	UL758 Style 20276 [30V ・ 80°C]	100m (B)
#0368	FA-16C-1	AWG24 × 5P + AWG21 × 6C Overall braided shield	Semi-flexible	UL758 Style 20276 [30V ・ 80°C]	100m (B)
#0284	AWG28 × 10P	AWG28 × 10P Overall braided shield	Fixed	UL758 Style 20276 [30V ・ 80°C]	100m (B)
#0286	KK-12C-1	0.2mm ² × 3P + 0.5mm ² × 6C Overall braided shield	Fixed	TASTUTA TACHII Standard [30V ・ 75°C]	100m (B)
#0041	T-CVV-S 0.2mm ² T × 10P	0.2mm ² × 10P Overall braided shield	Fixed	TASTUTA TACHII Standard [100VUnder ・ 60°C]	100m (B)
#0042	T-CVV-S 0.2mm ² T × 50C	0.2mm ² × 50C Overall braided shield	Fixed	TASTUTA TACHII Standard [100VUnder ・ 60°C]	100m (B)
#0061	CVCTKS 0.3mm ² T × 6P	0.3mm ² × 6P Each core braided shield	Fixed	TASTUTA TACHII Standard [100VUnder ・ 60°C]	100m (B)

- Refer to "Construction/Properties" for details.
- "B" in Length part means "Bundle".

Construction/Properties

FA-7C-2



• Standard

	UL AWM
Standard	UL758
Style/Type	Style 2464
Rated voltage	300V
Rated temp.	80°C
Flame retardance	VW-1

Core		Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD	Color	OD	Wire	OD		Ω /km	M Ω ·km	
	cores	AWG	No./mm	mm		mm	mm	mm	kg/km			V · min.
①	2 (1P)	25	40/0.08	0.9	Br,Wh	3.4	0.12	6.2 ±0.3	64	104 or under	100 or more	AC2000
②	5	23	60/0.08	1.1	Re,Gr,Ye Bw,BI					68.4 or under	100 or more	

FA-7C-3

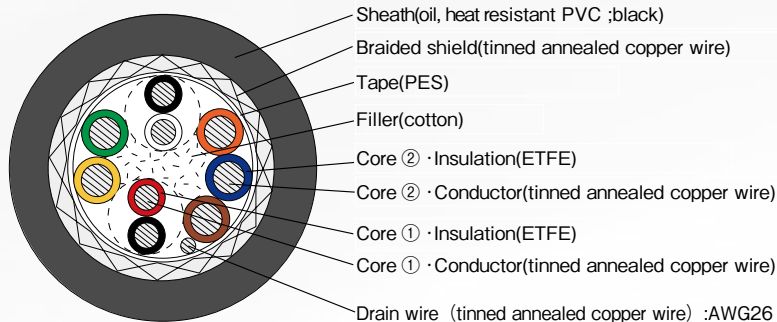


• Standard

	UL AWM
Standard	UL758
Style/Type	Style 2464
Rated voltage	300V
Rated temp.	80°C
Flame retardance	VW-1

Core		Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD	Color	OD	Wire	OD		Ω /km	M Ω ·km	
	cores	AWG	No./mm	mm		mm	mm	mm	kg/km			V · min.
①	2 (1P)	25	40/0.08	0.9	Br,Wh	4.2	0.12	7.0 ±0.3	81	104 or under	100 or more	AC2000
②	5	20	110/0.08	1.3	Re,Gr,Ye Bw,BI					38.0 or under	100 or more	

FA-9C-1

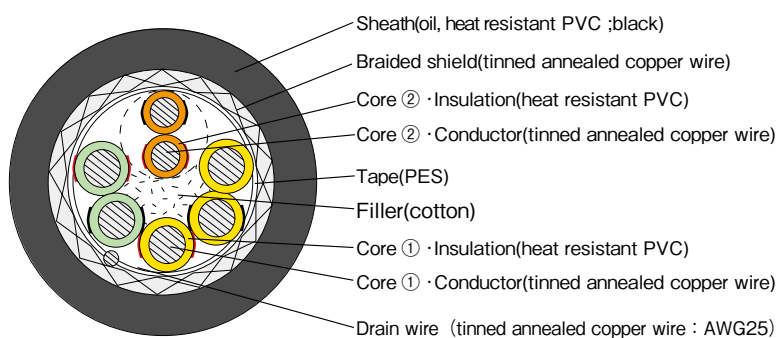


• Standard

	UL AWM
Standard	UL758
Style/Type	Style 2464
Rated voltage	300V
Rated temp.	80°C
Flame retardance	VW-1

Core	Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD							
	cores	AWG	No./mm	mm	mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min.
①	4 (2P)	25	40/0.08	0.9	4.0	0.12	70 ±0.3	75	104 or under	100 or more	AC2000
②	5	23	60/0.08	1.1					68.4 or under	100 or more	

FA-7C-4



• Standard

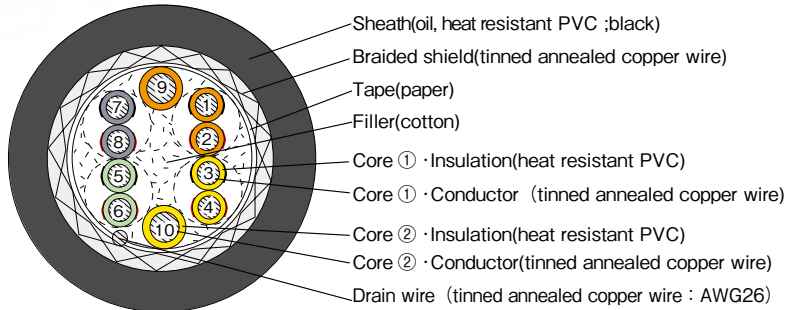
	UL AWM
Standard	UL758
Style/Type	Style 20276
Rated voltage	30V
Rated temp.	80°C
Flame retardance	VW-1

• Configuration

CoreNo.	①			②			
No.	1	2	3	4	5	6	7
Insulation color	Orange	Orange	Yellow	Yellow	Yellow	Green	Green

Core	Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD							
	cores	AWG	No./mm	mm	mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min.
①	2 (1P)	25	7/0.18	0.9	4.1	0.12	6.3 ±0.3	64	114 or under	10 or more	AC500
②	5	23	12/0.18	1.2					66.3 or under	10 or more	

FA-10C-1



• Standard

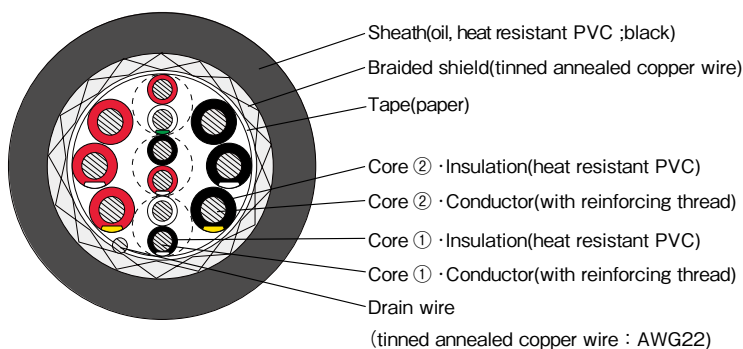
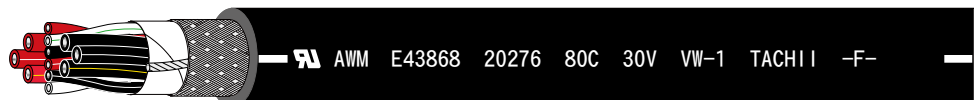
	UL AWM
Standard	UL758
Style/Type	Style 20276
Rated voltage	30V
Rated temp.	80°C
Flame retardance	VW-1

• Configuration

CoreNo.	①								②	
No.	1	2	3	4	5	6	7	8	9	10
Insulation color	Orange	Orange	Yellow	Yellow	Green	Green	Black	Black	Orange	Yellow

Core		Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
No.	Size	Construction	OD	Color	OD	Wire	OD	OD		Ω /km	M Ω ·km	
cores	AWG	No./mm	mm		mm	mm	mm	mm	kg/km			V · min.
①	8 (4P)	25	40/0.08	1.0	Refer to core configuration.	4.8	0.12	7.0 ±0.3	74	104 or under	10 or more	AC500
②	2	23	60/0.08	1.2	Or, Ye					68.4 or under	10 or more	

FA-12C-5



• Standard

	UL AWM
Standard	UL758
Style/Type	Style 20276
Rated voltage	30V
Rated temp.	80°C
Flame retardance	VW-1

Core		Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
No.	Size	Construction	OD	Color	OD	Wire	OD	OD		Ω /km	M Ω ·km	
cores	AWG	No./mm	mm		mm	mm	mm	mm	kg/km			V · min.
①	6 (3P)	24	6/18/0.05	1.3	Re × Wh/Gr Line Br × Re/Wh Line Wh × Br/Wh Line	6.1	0.12	8.8 ±0.3	120	98.4 or under	5 or more	AC500
②	6	23	6/18/0.08	1.7	Br, Br/Wh Line Br/Ye Line Re, Re/Wh Line Re/Ye Line					38.4 or under	5 or more	

FA-16C-1



• Configuration

※. The number in the figure show the pair No.

CoreNo.	①									
No.	1	2	3	4	5	6	7	8	9	10
Insulation color										

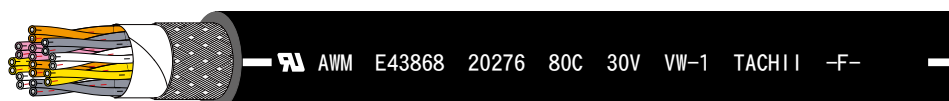
CoreNo.	②					
No.	11	12	13	14	15	16
Insulation color						

Core		Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20℃)	Insulation resistance (20℃)	Test voltage
	No.	Size	Construction	OD	Color	OD	Wire	OD				
	cores	AWG	No./mm	mm		mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min.
①	10 (5P)	24	6/18/0.05	1.1	Refer to core configuration.	7.1	0.12	9.2 ±0.3	125	92.6 or under	5 or more	AC500
②	6	21	6/18/0.05	1.6	Refer to core configuration.					38.8 or under	5 or more	

• Standard

	UL AWM
Standard	UL758
Style/Type	Style 20276
Rated voltage	30V
Rated temp.	80°C
Flame retardance	VW-1

AWG28 x 10P



• Configuration

※. The number in the figure show the pair No.

①											
CoreNo.	No.	1	2	3	4	5	6	7	8	9	10
Insulation color											

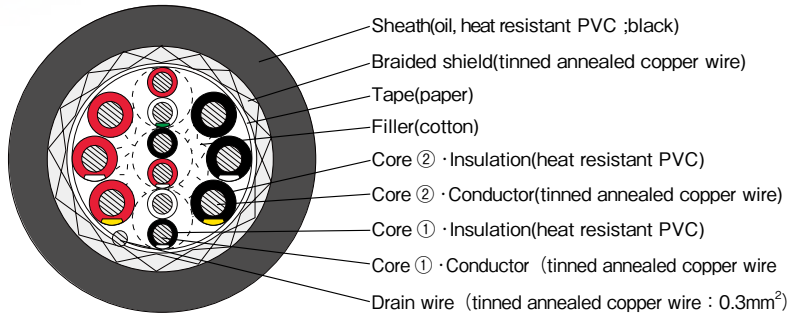
②											
CoreNo.	No.	11	12	13	14	15	16	17	18	19	20
Insulation color											

Core	Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20℃)	Insulation resistance (20℃)	Test voltage
No.	Size	Construction	OD	Color	OD	Wire	OD				
cores	mm ²	No./mm	mm		mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min
20 (10P)	28	7/0.127	0.6	Refer to core configuration.	3.7	0.12	6.3 ±0.3	57	241 or under	5 or more	AC500

• Standard

	UL AWM
Standard	UL758
Style/Type	Style 20276
Rated voltage	30V
Rated temp.	80°C
Flame retardance	VW-1

KK-12C-1

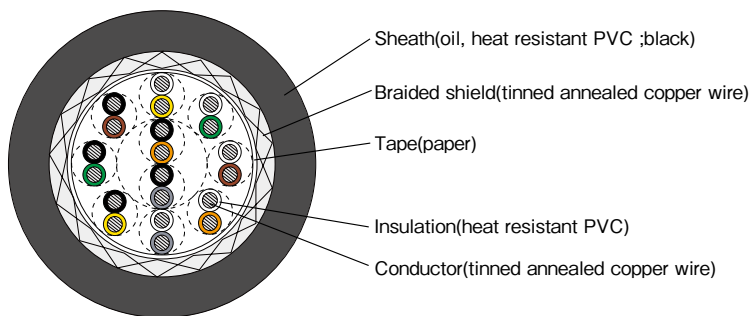


• Standard

	TASTUTA TACHII Standard
Standard	—
Style/Type	—
Rated voltage	30V
Rated temp.	75°C
Flame retardance	VW-1

Core	Conductor			Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD	Color							
	cores	AWG	No./mm	mm		mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min.
①	6 (3P)	0.2	7/0.18	0.9	Re × Wh/Gr Line Br × Re/Wh Line Wh × Br/Wh Line	5.6	0.12	8.5 ±0.3	113	114 or under	15 or more	AC500
②	6	0.5	20/0.18	1.4	Br,Br/Wh Line Br/Ye Line Re,Re/Wh Line Re/Ye Line					39.8 or under	15 or more	

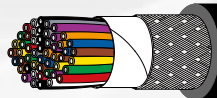
T-CVV-S0.2mm²T×10P



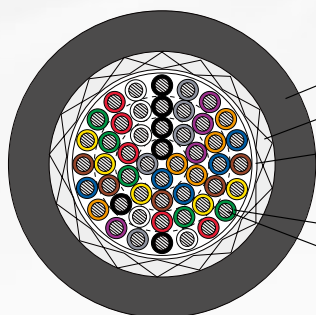
• Standard

	TASTUTA TACHII Standard
Standard	—
Style/Type	—
Rated voltage	Under 100V
Rated temp.	75°C
Flame retardance	JIS 60° Inclining

Core	Conductor			Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
	No.	Size	Construction	OD	Color							
	cores	mm²	No./mm	mm		mm	mm	mm	kg/km	Ω /km	M Ω ·km	V · min.
20 (10P)		0.2	7/0.18	1.1	Wh × Ye,Wh × Gr Wh × Bw,Wh × Or Wh × Gy,Br × Ye Br × Gr,Br × Bw Br × Or,Br × Gy	7.0	0.12	10.0 ±0.5	125	117 or under	5 or more	AC1000

T-CVV-S0.2mm²T×50C

TACHI I 2020

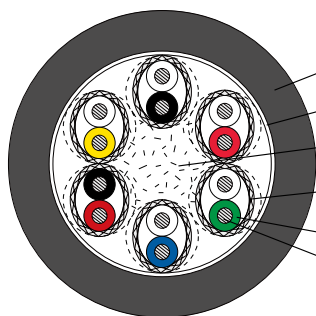


- Sheath(PVC; black)
Braided shield(tinned annealed copper wire)
Tape(paper)
Insulation(heat resistant PVC)
Conductor(tinned annealed copper wire)

• Standard

	TASTUTA TACHII Standard
Standard	—
Style/Type	—
Rated volage	Under 100V
Rated temp.	60°C
Flame retardance	JIS 60° Inclining

Core	Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
No.	Size	Construction	OD	Color	OD	Wire	OD		Ω /km	M Ω ·km	V · min
cores	mm ²	No./mm	mm		mm	mm	mm	kg/km			
50	0.2	7/0.18	1.1	Br,Or,BI,Gy Br,Gy,Pu,Or Bl,Bw,Ye,Gr Re,Wh Br,Gy,Pu,Or Bl,Bw,Ye,Gr Re,Wh,Br,Bw Ye,Gr,Re,Wh Br,Gy,Pu,Or Bl,Bw,Ye,Gr Re,Wh,Br,Gy Pu,Or,Bl,Bw Ye,Gr,Re,Wh	8.7	0.12	11.6 ±0.5	211	116 or under	5 or more	AC1000

CVCTKS 0.3mm²T ×6P

- Sheath(PVC; black)
Tape(paper)
Filler
Braided shield(tinned annealed copper wire)
Insulation(XLPE)
Conductor(tinned annealed copper wire)

• Standard

	TASTUTA TACHII Standard
Standard	—
Style/Type	—
Rated voltage	Under 100V
Rated temp.	60°C
Flame retardance	JIS 60° Inclining

Core	Conductor		Insulation		Strand	Braided shield	Sheath	Weight	Conductor resistance (20°C)	Insulation resistance (20°C)	Test voltage
No.	Size	Construction	OD	Color	OD	Wire	OD		Ω /km	M Ω ·km	V · min
cores	mm ²	No./mm	mm		mm	mm	mm	kg/km			
12 (6P)	0.3	12/0.18	1.2	Wh × Br,Wh × Re Wh × Gr,Wh × Bl Re × Br,Wh × Ye	7.9	0.12	10.0 ±0.5	144	64.4 or under	10 or more	AC500