

# Bundled Tin Plated 2-core Shield Multiple Cable

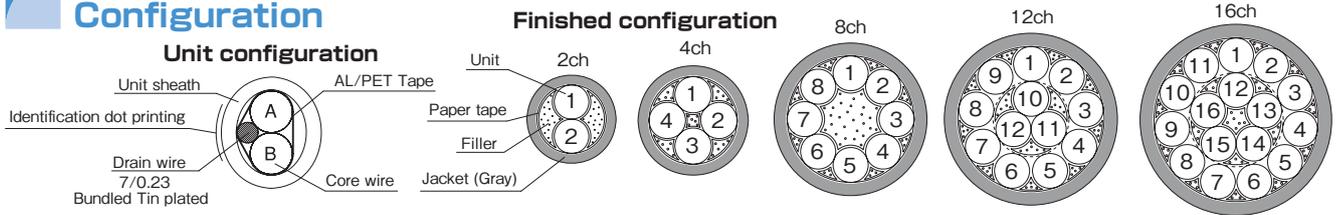
## Applications

As audio signal cable, compliant to multiple channels, with bundled Tin plated conductor 2-core shield type for anchoring use.

## Features

- TACHII has employed for conductor and drain wire, the same bundled Tin plated conductor has been employed to use wrapping tool, and also for insulator, cross-linked polyethylene, in consideration with soldering workability and electrical properties.
- TACHII has employed superior crosstalk property-efficient design between channels, by shielding with AL/PET Tape each channel unit wise.
- Unit identification has become easier by printing dot against each channel unit sheath (Gray, Black). The core wire color code has been combined with channel number at one side of twisted pair and all others unified with white, so that the field workers can intuitively understand.
- On processing of channel unit terminals, the better workability has been materialized because the sheath and AL/PET Tape can be removed at the same time.
- For unit sheath and jacket material, TACHII has employed environment-friendly nonleaded type PVC. It is also possible to make ECO type.

## Configuration



## Construction Properties

Model	Conductor		Insulator	Unit structure		Layer stranded		Finished cable	Electrical properties	
	Structure Wires/mm	Cross section area mm <sup>2</sup>		O.D. mm	Twisted pitch mm	O.D. mm	Pitch mm		O.D. mm	O.D. mm
T-2E4-2AL	7/0.23 Bundled Tin Plated	0.29 (AWG23)	1.39	29	3.7	100	7.2	8.7	69.8 max.	72 (1kHz)
T-2E4-4AL						90	8.8	10.8		
T-2E4-8AL						160	12.6	15.0		
T-2E4-12AL						190	14.4	16.9		
T-2E4-16AL						225	16.2	18.8		

## Unit Identification

ch	Insulator color	Sheath Color/Dot Color	ch	Insulator color	Sheath Color/Dot Color	ch	Insulator color	Sheath Color/Dot Color	ch	Insulator color	Sheath Color/Dot Color
1	A Brown B White	Gray/Blue	5	A Green B White	Gray/Blue	9	A White B White	Gray/Blue	13	A Orange B White	Black/White
2	A Red B White	Gray/Blue	6	A Blue B White	Gray/Blue	10	A Black B White	Gray/Blue	14	A Yellow B White	Black/White
3	A Orange B White	Gray/Blue	7	A Purple B White	Gray/Blue	11	A Brown B White	Black/White	15	A Green B White	Black/White
4	A Yellow B White	Gray/Blue	8	A Gray B White	Gray/Blue	12	A Red B White	Black/White	16	A Blue B White	Black/White

# 2-Core Shield Cable

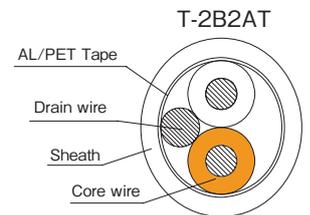
## Applications

For 2-Core shield type device control cable and audio cable.

## Features

- For insulator, to make sure easier stripping and soldering, cross-linked polyethylene has been employed.
- For T-2B2AL, same bundled Tin plated conductor has been employed for conductor and drain wire, to make use of wrapping tool.
- For T-2B2AT, T-2B2AL, TACHII has employed UL Standard AWM Style 2844 for connection cable between devices on racks to comply with UL Standard. The work for terminals becomes easy because of drain wire built-in.
- T-2E5AT can be used as microphone cable for anchoring in wiring into distribution pipes etc.
- TACHII has employed flexible type PVC, hardy against curl-habit, for T-2T2S which can be employed as general microphone cable for mobile purpose, combined with braid shield.
- For sheath material, nonleaded type PVC has been employed in view of environment-friendly.
- TACHII can make ECO type for T-2B2AT, T-2B2AL, T-2E5AT.  
(However, ECO type T-2B2AT and T-2B2AL do not conform to UL)

## Configuration



Model	Sheath color for Identification
T-2B2AT	Black Gray Red Green Blue White Yellow
T-2B2AL	Gray
T-2E5AT	Gray
T-2T2S	Black Gray Red Green Blue White Yellow Brown Orange Purple

## Construction Properties

Model	Conductor		Drain wire	Insulator	Twist	Shield	Finished cable	Electrical properties				
	Structure Wires/mm	Cross section area mm <sup>2</sup>						Structure Wires/mm	O.D. mm	Insulator color	Pitch mm	Method
T-2B2AT	16/0.12A	0.18(AWG25)	50/0.08TA	1.2	White Orange	23	AL/PET Tape	—	100	3.2	121 max.	61(1kHz)
T-2B2AL	7/0.18 Bundled Tin Plating	0.18(AWG25)	7/0.18 Bundled Tin Plating	1.16	White Orange	20	AL/PET Tape	—	100	3.2	110 max.	64(1kHz)
T-2E5AT	12/0.18A	0.31(AWG23)	16/0.18TA	1.55	White Sky	30	AL/PET Tape	—	100	5.0	62.9 max.	63(1kHz)
T-2T2S	60/0.08A	0.30(AWG23)	—	1.72	White Sky	18	Braid	16/8/0.1TA	94	5.8	68.4 max.	56(1kHz)

NEW

# 2-Core Shield Multiple Cable

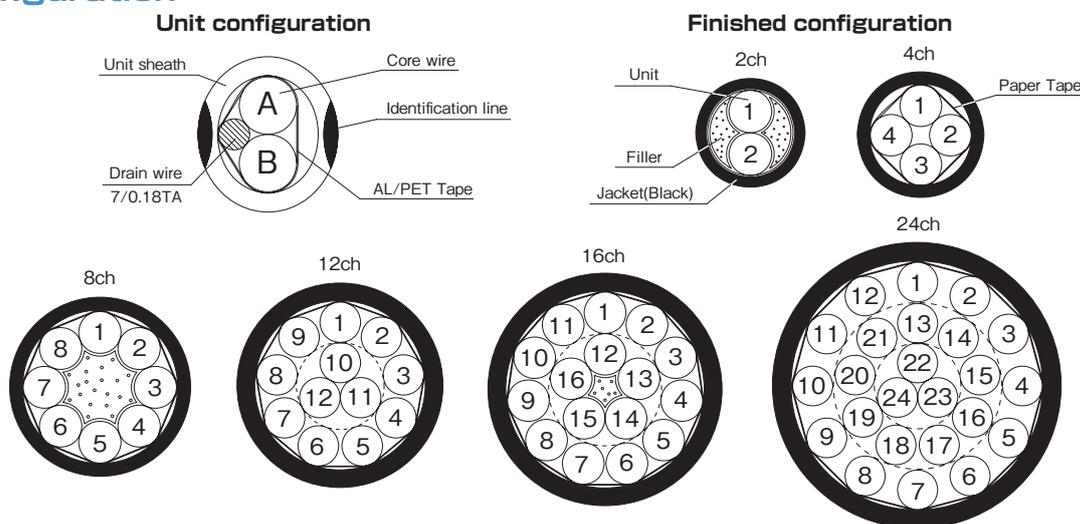
## Applications

2-core shield type audio signal cable for anchoring use, compliant to multiple channel.

## Features

- In order to improve the reliability through long term usage, TACHII has employed Tin plated annealed copper twisted wire for conductor and drain wire, no more characteristic copper color change/deterioration.
- TACHII has designed insulator by employing cross-linked polyethylene after considering electrical properties and soldering management.
- TACHII has employed superior crosstalk property-efficient design between channels, by shielding with AL/PET Tape each channel unit wise.
- Unit identification has become easier by putting color plastic code (10 colors) linearly on both sides in each channel unit sheath (Black, Gray, Blue). The core wire color has been same with unit identification line color and clear color as twisted pair specification, so that field workers can intuitively understand.
- On processing of channel unit terminals, the better workability has been materialized because the sheath and AL/PET Tape can be removed at the same time.
- For unit sheath and jacket material, TACHII has employed environment-friendly nonleaded type PVC. It is also possible to make ECO type with environment-friendly nonhalogen flame-retardant polyethylene sheath and jacket in addition.

## Configuration



## Construction·Properties

Model	Conductor		Insulator	Unit structure		Layer stranded		Finished cable	Electrical properties	
	Structure Wires/mm	Cross section area mm <sup>2</sup>		O.D. mm	Twisted pitch mm	O.D. mm	Pitch mm		O.D. mm	O.D. mm
TMR202-2AT	7/0.18TA	0.18 (AWG25)	1.0	21	2.7	75	5.4	6.8	114 max.	70 (1kHz)
TMR202-4AT						75	6.4	7.9		
TMR202-8AT						140	9.6	11.2		
TMR202-12AT						200	10.6	12.8		
TMR202-16AT						200	12.3	14.5		
TMR202-24AT						280	15.6	17.9		

## Unit Identification

ch	Insulator color		Sheath color / Line color	ch	Insulator color		Sheath color / Line color	ch	Insulator color		Sheath color / Line color	ch	Insulator color		Sheath color / Line color
	A	B			A	B			A	B			A	B	
1	Brown	Clear	Black/Brown	7	Purple	Clear	Black/Purple	13	Orange	Clear	Gray/Orange	19	White	Clear	Gray/White
2	Red	Clear	Black/Red	8	Gray	Clear	Black/Gray	14	Yellow	Clear	Gray/Yellow	20	Black	Clear	Gray/Black
3	Orange	Clear	Black/Orange	9	White	Clear	Black/White	15	Green	Clear	Gray/Green	21	Brown	Clear	Blue/Brown
4	Yellow	Clear	Black/Yellow	10	Black	Clear	Black/ -	16	Blue	Clear	Gray/Blue	22	Red	Clear	Blue/Red
5	Green	Clear	Black/Green	11	Brown	Clear	Gray/Brown	17	Purple	Clear	Gray/Purple	23	Orange	Clear	Blue/Orange
6	Blue	Clear	Black/Blue	12	Red	Clear	Gray/Red	18	Gray	Clear	Gray/ -	24	Yellow	Clear	Blue/Yellow