

# Electromagnetic Shield Multiple Cable T-4E4-AT Series

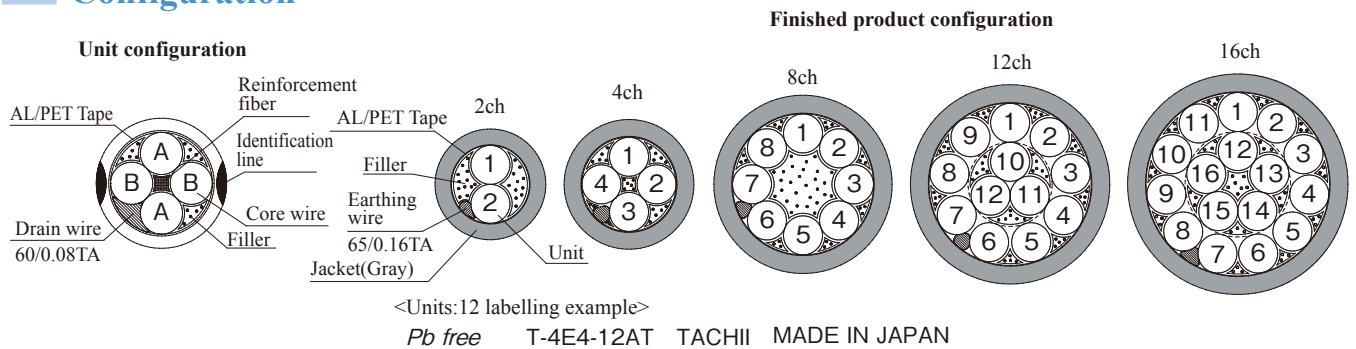
## Applications

Best choice for audio signal cable multiple channel uses as permanent installation.

## Features

- Quad stranded structure for superior noise shield effect. For designing of insulation, the cross-linked polyethylene has been employed, in consideration of electrical properties and soldering workability.
- With AL/PET Tape, each channel unit has been shielded so that the superior crosstalk property has been assured. The influence of inductive noise from power cable, etc. has been minimized by employing AL/PET Tape as bundle shield, not in existing lines (with earthing wire).
- Easier unit identification has been materialized by putting color plastic code (10 colors) linearly on both sides in channel unit sheath (gray, black). The identification has become easier even in the necessary case of the unit sheath must be perfectly removed, by changing pair of the core wire color, as 1~10 (white/blue), 11~16 (white/sky)
- Better workability in cable end processing has been materialized by the sheath as well as AL/PET Tape can be removed at the same time on the processing of channel unit processing.
- Inhygroscopicable Vectran (made by Kuraray Co., Ltd.) as reinforcing fiber are employed at the core to assure protection of conductor disconnection by tension load when wiring into pipes.
- Pb free PVC as unit sheath and jacket materials in consideration of environment-conscious. Halogenfree, flame resistant polyethylene sheath, as Eco-Material, also available.

## Configuration



## Construction·Properties

Model	Conductor		Insulator	Unit Construction		Layer Twist		Finished Product	Electrical Properties		Stock
	Structure wires/mm	Section Area mm <sup>2</sup>		O.D. mm	Stranded pitch mm	O.D. mm	Stranded pitch mm		O.D. mm	O.D. mm	
T-4E4-2AT	16/0.12A	0.18 (AWG25)	1.2	20	3.0	95	7.5	10.5	121 max.	142 (1kHz)	Job Production (Eco Material Available)
T-4E4-4AT						110	9.1	12.3			
T-4E4-8AT						170	13.5	16.9			
T-4E4-12AT						205	15.5	18.9			
T-4E4-16AT						245	17.5	20.9			

## Unit Identification

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