

Bundle Tin Coat 2-Core Shield Multiple Cable T-2E4 Series

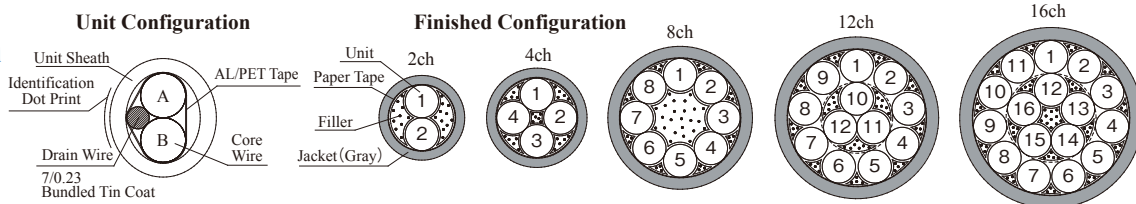
Applications

Audio signal cable for 2-core shield, employing bundle Tin coat conductor, to fit multiple channels for permanent installation.

Features

- Bundle Tin coat conductor has been employed for conductor and drain wire so as to use lapping tool. Cross-linked polyethylene has been also newly employed as insulator in consideration of soldering workability and electrical properties.
- Superior crosstalk property among channels has been materialized by shielding with AL/PET Tape each channel unit wise.
- For easier unit identification, dots and dashes have been printed on each channel unit sheath (gray, black). Employed, as core wire color, the code color, matched to channel No., for one side of twist-pair and kept the other side always white so that workers can intuitively understand the specifications.
- At the processing time of channel unit ends, the better cable ends workability has been materialized due to sheath and AL/PET Tape removable at the same time.
- Pb free PVC has been employed for unit sheath and jacket in consideration of environment.

Configuration



Construction Properties

Model	Conductor		Insulator	Unit Construction		Layer Twist		Finished Product		Electrical Properties		Stock
	Structure Wires/mm	Section Area mm ²		O.D. mm	Strand Pitch mm	O.D. mm	Strand Pitch mm	O.D. mm	O.D. mm	Conductor Resistance Ω/km	Line Capacity pF/m	
T-2E4-2AL	7/0.23 Bundle Tin Coat	0.29 (AWG23)	1.39	29	3.7	100	7.2	8.7	70.0 max.	72 (1kHz)	Job Production	
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	Sheath/Dot	ch	Insulator	Sheath/Dot	ch	Insulator	Sheath/Dot	ch	Insulator	Sheath/Dot
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

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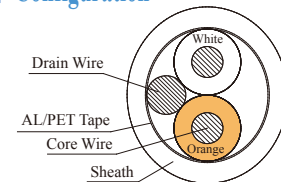
Applications

T-2B2AT and T-2B2AL are most suitable as control cable for wiring in racks. T-2T2S can be used as hand-held microphone cable in general.

Features

- To make sure easier stripping and soldering of insulator, the cross-linked polyethylene (PEX) has been employed for insulator.
- For T-2B2AL, bundle Tin coat conductor has been employed, to make use of lapping tool, for conductor and drain wire.
- For T-2B2AT and T-2B2AL, UL style 2844, for connection among devices on racks, has been employed to correspond with UL specification. Due to built-in drain wire, cable ends can be easily worked.
- T-2T2S can be used as hand-held general microphone cable, because bend-habit resistant and flexibility-rich PVC has been employed, together with braid shield.
- Pb free PVC has been employed as sheath material in consideration of the environment.

Configuration T-2B2AL



Construction Properties

Model	Conductor		Drain Wire	Insulator	Strand	Shield			Finished Product	Electrical Properties		Stock							
	Structure Wires/mm	Section Area mm ²				Structure Wires/mm	O.D. mm	Pitch mm		System	Structure Strands/wires/mm	Density %	O.D. mm	Conductor Resistance Ω/km	Line Capacity pF/m	Black	Gray	Red	Green
T-2B2AT	16/0.12A	0.18 (AWG25)	50/0.08TA	1.2	23	Alpet Tape	—	100	3.2	121 max.	* 64	②B	②B	—	—	—	—	—	—
T-2B2AL	7/0.18 Bundle Tin Coat	0.18 (AWG25)	7/0.18 Bundle Tin Coat	1.2	20	Alpet Tape	—	100	3.2	110 max.	* 66	—	②B	—	—	—	—	—	—
NEW T-2T2S	60/0.08A	0.30 (AWG23)	—	1.72	18	Braid	16/8/0.1TA	94 min.	5.8	68.4 max.	* 55	①B	①B	①B	①B	①B	①B	①B	①B

*:1kHz ①B 100m Bobbin ②B 200m Bobbin