





## Two-Conductor Shielded Cable

### Two-Conductor Shielded Cables (Single)

#### Aluminum Foil Shield

Type	Model	Sales units	Composition					Electrical characteristics			
			Nom. O.D	Weight	No. of cond.	Cross sec area (AWG) and cond. comp.	Twist pitch	Cond. D.C.R.	Shield D.C.R.	Nom. cap.*	Nom. cap.**
			m	mm	kg/100m	mm <sup>2</sup> /(AWG) Q'ty/mm	mm	Ω/100m	Ω/100m	pF/m	pF/m
 L-2B2AT Jacket colors: gray, black	L-2B2AT	200 500 1000	3.2	1.3	2	0.18(25) 16/0.12A	25	10.5	—	73	120
 L-2B2AL Jacket color: gray	L-2B2AL	200	3.2	1.1	2	0.18(25) 7/0.18TA Overall tin coated	20	11.3	—	—	—
 L-2E5AT Jacket colors: gray, black, sepia	L-2E5AT		5.0	4.0	2	0.31(23) 12/0.18A	30	6.2	—	79	140
 L-2E5AL Jacket color: gray	L-2E5AL	200 500	5.0	3.7	2	0.29(23) 7/0.23TA Overall tin coated	30	6.8	—	—	—

Insulation: Irradiated PE (polyethylene for L-2E5AL and L-2B2AL) Jacket: PVC Dielectric strength: 500V AC/min.

\*Capacitance between conductors \*\*Capacitance between conductor to shield.

#### L-2B2AT, L-2E5AT

- Ideal for internal rack wiring.
- Internal drain wire eliminates the troublesome part of line termination work.
- The L-2E5AT contains the Tetron cable filler reinforcement material. <Fig. 1>

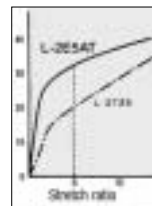


Fig. 1 Pull Load and Stretch Ratio for Cable

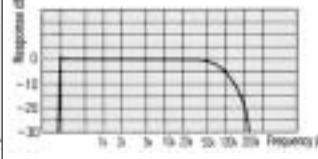


Fig. 2 Frequency Characteristics for L-2B2AT (100m)

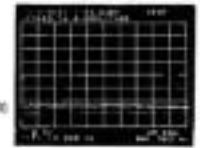
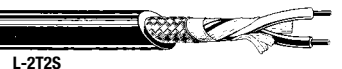


Fig. 3 Static Noise Characteristics for L-2B2AT (5m)

#### L-2B2AL, L-2E5AL

- Cables for connecting devices with which wrapping tools can be used.
- Internal drain wire eliminates the troublesome part of line termination work.

#### Braided Shield

Type	Model	Sales units	Composition					Electrical characteristics				
			Nom. O.D	Weight	No. of cond.	Cross sec area (AWG) and cond. comp.	Twist pitch	Shield coverage (braid)	Cond. D.C.R.	Shield D.C.R.	Nom. cap.*	Nom. cap.**
			m	mm	kg/100m	mm <sup>2</sup> /(AWG) Q'ty/mm	mm	%	Ω/100m	Ω/100m	pF/m	pF/m
 L-2T2S Jacket colors for L-2T2S: red, orange, yellow, blue, gray, black for L-2E5: black	L-2T2S	100 200	6.0	4.6	2	0.30(23) 60/0.08A	20	94% or more	6.4	3.1	70	106
	L-2E5	200	4.6	3.0	2	0.15(26) 30/0.08A	18	94% or more	12.7	2.2	—	—

Insulation: Irradiated PE Jacket: PVC Dielectric strength: 500V AC/min.


\*Capacitance between conductors \*\*Capacitance between conductor to shield.

#### L-2T2S, L-2E5

- The standard type of microphone cable.
- Braid coverage of 94% and above provides dense shielding that blocks out electromagnetic noise.

- L-2T2S consists of 60 ultra-fine 0.08mm strands (30 for L-2E5) in a stranded format that offers excellent durability.
- Highly pliable and durable PVC used for jacket. (Brittle temp. -49°C)

#### Spiral Shield

Type	Model	Sales units	Composition					Electrical characteristics				
			Nom. O.D	Weight	No. of cond.	Cross sec area (AWG) and cond. comp.	Twist pitch	Shield coverage	Cond. D.C.R.	Shield D.C.R.	Nom. cap.*	Nom. cap.**
			m	mm	kg/100m	mm <sup>2</sup> /(AWG) Q'ty/mm	mm	%	Ω/100m	Ω/100m	pF/m	pF/m
 MS203 Jacket color: gray	MS203	200	3.5	2.1	2	0.31(23) 12/0.18TA	30	94% or more (spiral)	6.5	3.9	—	—

Insulation: Irradiated PE Jacket: PVC Dielectric strength: 500V AC/min.

\*Capacitance between conductors \*\*Capacitance between conductor to shield.

#### MS203

- Ideal for internal rack wiring.
- Equivalent product for the 3B2 and 3L2.