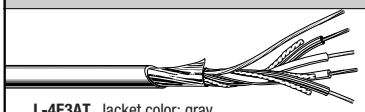
Star Quad Microphone Cables (Single)

Effectively reduce noise levels to 1/10 that of general-purpose, 2-conductor shielded cables.

■ Aluminum Foil Shield

Type		Model	Sales units	Nom. O.D	Weight	Composition			Electrical characteristics			
						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		mm²/(AWG) Q'ty/mm	mm	Ω/100m	Ω/100m	pF/m	pF/m
 **L-4E3AT** Jacket color: gray	★	**L-4E3AT**	—	3.0	1.1	4	0.08(28) 7/0.12A	16	24.6	—	—	—
 **L-4E5AT** Jacket colors L-4E5AT, L-4E6AT: gray, black L-4E5AT-EM, L-4E6AT-EM: gray		**L-4E5AT**	100 200 400 1.000	5.0	3.2	4	0.18(25) 16/0.12A	21	10.7	—	164	222
		L-4E6AT		6.2	5.0	4	0.31(23) 12/0.18A	25	6.4	—	150	210
		L-4E5AT-EM		5.0	3.3	4	0.18(25) 16/0.12A	21	10.7	—	164	222
		L-4E6AT-EM		6.2	4.9	4	0.31(23) 12/0.18A	25	6.4	—	150	210
	★	**L-4E5ATG**	—	5.0	3.2	4	0.18(25) 1/0.18(OFC)+30/0.08(OFC)	21	11.0	—	164	222
L-4E5ATG Jacket color: gray	★	**L-4E6ATG**		5.8	4.5	4	0.34(22) 1/0.18(OFC)+63/0.08(OFC)	35	5.6	—	150	210

Insulation: Irradiated PE (blue-blue, white-white) Jacket: PVC Dielectric strength: 500V AC/min.

*Capacitance between conductors **Capacitance between conductor to shield.
★Custom models. Please ask us for ordering lot.

L-4E3AT

- Designed for internal cabling connections on racks.

L-4E5AT, L-4E6AT

- The Kevlar* cable filler prevents damage due to excess stretching and stress that may occur when pulling the cable through conduits. <Fig. 1>
- Internal drain wire eliminates the troublesome part of line termination work.
- Aluminum foil shield blocks out electromagnetic noise.
- The microphone cable of choice for music auditorium and studio facilities where noise prevention and audio quality come first.

* Kevlar is the registered trademark of Dupont Corporation.

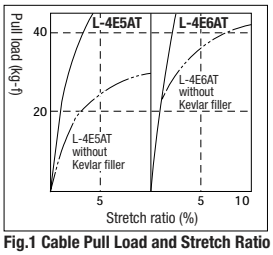


Fig.1 Cable Pull Load and Stretch Ratio

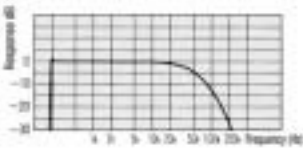


Fig. 2 Frequency Characteristics for L-4E5AT (100m)

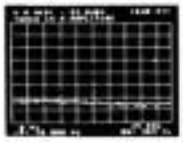


Fig. 3 Static Noise Characteristics for L-4E5AT (at 5M)

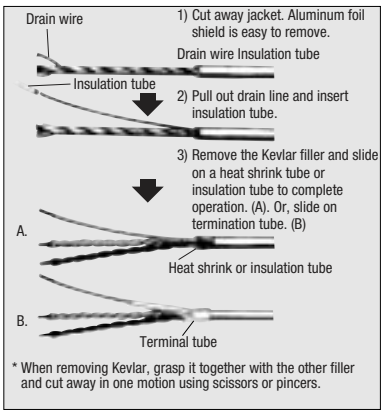


Fig. 4 Terminating L-4E5AT and L-4E6AT

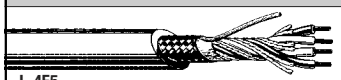
L-4E5ATG, L-4E6ATG

- The G versions feature oxygen-free copper (OFC, JIS H3510) conductors.

L-4E5AT-EM, L-4E6AT-EM

- The EM type is an eco-cable that uses an eco-friendly jacket material defined by JCS standard.

■ Braided Shield

Type	Model	Sales units	Nom. O.D	Weight	Composition				Electrical characteristics			
					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		mm²/(AWG) Q'ty/mm	mm	%	Ω/100m	Ω/100m	pF/m	pF/m
 **L-4E5** Jacket colors L-4E5: gray, black L-4E6: gray	**L-4E5**	100 200	4.8	3.5	4	0.15(26) 30/0.08A	18	>96%	13.0	2.4	162	200
	L-4E6	100 200 400	6.5	6.6	4	0.23(24) 20/0.12A	25	>95%	8.6	1.9	144	187
 **L-4E6S** Jacket colors L-4E6S: brown, red, orange, yellow, green, blue, purple, gray, white, black L-4E5C: red, orange, yellow, green, blue, gray, black	**L-4E5C**	100 200	4.8	3.4	4	0.15(26) 30/0.08A	18	>96%	13.0	2.4	162	200
	L-4E6S		6.0	5.0	4	0.20(24) 40/0.08A	20	>94%	9.8	3.0	150	185

Insulation: Irradiated PE (blue-blue, white-white) Jacket: PVC Dielectric strength: 500V AC/min.

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

L-4E5, L-4E6

- Ideal for interconnecting various devices.
- Internal drain wire eliminates the troublesome part of line termination work.

L-4E5C, L-4E6S

- Bend resistant design makes this ideal for the stage and for press conference type applications.
- Braid coverage of 94% or over provides intense shielding that blocks out electromagnetic noise.
- L-4E6S conductor consists of 40 ultra-fine 0.08mm strands (30 for L-4E5C) in a stranded format that offers excellent durability.

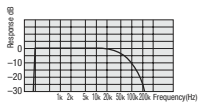


Fig. 5 Frequency Characteristics for L-4E6S (100m)

Fig. 6 Static Noise Characteristics for L-4E6S (at 5M)