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▶ **Multichannel Star Quad Microphone Cable (L-4E4-AT Series)**



Product Image

Product Name
Multichannel Star Quad Microphone Cable

Model Number
L-4E4-AT Series

A 22 AWG 100% foil shielded Canare Star Quad multichannel snake cable, designed for all fixed audio installations. Each four conductor channel is completely isolated and contains Kevlar 29 for tensile pulling strength. The individual foil shield, drain wire and color coded striped PVC jacket, strip easy for quick on-site termination.

- Multiple AudioLines.
- Permanent Installations.
- Audio Rack Wiring.
- PA Systems.
- Foil Shield with Drain Wire.
- Flexible in Extreme Cold Weather.
- Cross Linked PE Insulation.
- Rejects EMI and RFI.
- Multiple Channels.
- Dupont® Kevlar 29 Filler.

[The Star Quad Story \(Catalog PDF\)](#)

MECHANICAL SPECIFICATIONS

Model	Std. Lng. ft. (m)	No. of Quad Channels	No. of Cond. (4 Per Channel)	Wt Std. Lng. lbs (kgs)	Nom. O.D. in. (mm)	PVC Jacket Nom. Thick. in. (mm)	Brittle Point F° (C°)
L-4E4-2AT		2	8	18 (8)	.413 (10.5)	.051 (1.3)	
L-4E4-4AT		4	16	40 (18)	.484 (12.3)	.055 (1.4)	
L-4E4-8AT	328 (100)	8	32	73 (33)	.665 (16.9)	.059 (1.5)	-22 (-30)
L-4E4-12AT	656 (200)	12	48	95 (43)	.748 (19.0)	.059 (1.5)	
L-4E4-16AT		16	64	117 (53)	.827 (21.0)	.059 (1.5)	
L-4E4-24AT		24	96	152 (69)	1.031 (26.2)	.067 (1.7)	

(contd.) **MECHANICAL SPECIFICATIONS**

Model	Channel O.D. in. (mm)	Channel Jacket Nom. Thick. mil	Insul. Type* Thick mil	Cond-AWG (Qty./mil) Cross Sec. Area mil. ² **Quad AWG	Pitch Twist Quad in. (mm)	Shield Coverage Channel Drain Wire (Bundle Drain Wire)
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L-4E4-AT Series	146 (3.7)	PVC 11.8	IPE 12.6	AC - #25 (16/4.73) 279 #22	<0.83 (<21)	AL Foil 100% 23AWG (16AWG)
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*Dielectric Strength = 500V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

**Effective AWG of combined twin conductors.

ELECTRICAL PERFORMANCE/QUAD

Model	Cond. D.C.R. ohm/1000ft (ohm/100m)	Shield D.C.R. ohm/1000ft (ohm/100m)	Nom. Cap. *** (pF/m)	Nom. Cap. † (pF/m)	Nom. Imp. ohm	Nom. Atten. V/1000ft (V/100m)	Group Delay Time nS/ft (nS/m)	X-Talk Input 3.31V mV/1000ft (mV/100m)
L-4E4-AT Series	<32.9 (<10.8)	-	164	222	-	-	-	-

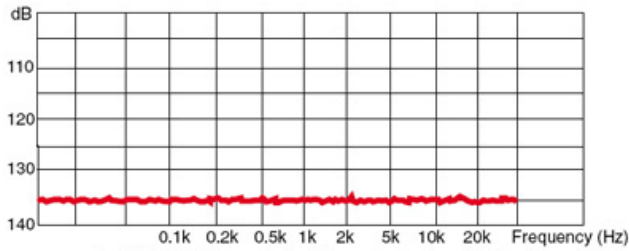
***Capacitance between conductors.

†Capacitance between conductors to shield.

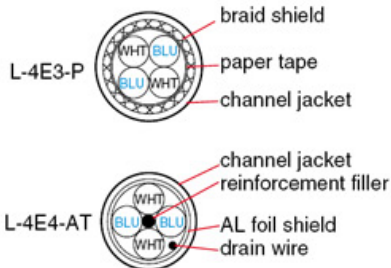
COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
L-4E4-AT Series	--	--	--	[+]	--	--	--	--	--	--

[+]=Standard Color, [o]=Available Color, "--"=n/a

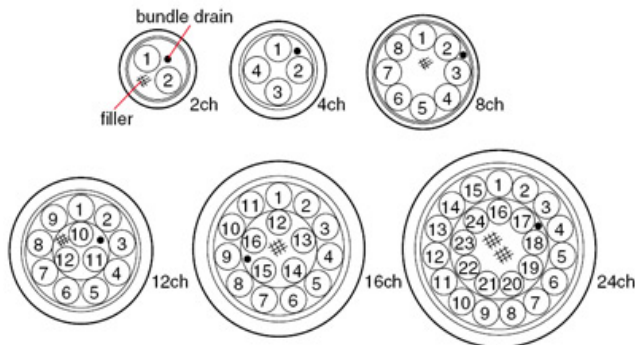


L-4E4-AT Crosstalk Characteristics (100m)



Cross Section

Individual Star Quad Channel



L-4E3-P, L-4E4-AT Cross Section Multichannel Bundle

Channel Color Code

Ch. No.	1	2	3	4	5	6	7	8	9	10	11	12
Spiral Markers	RED	BLU	YEL	GRN	BRN	-	BLK BLU	BLK YEL	BLK GRN	BLK BRN	BLK	ORN BLU

(contd.) **Channel Color Code**

Ch. No.	13	14	15	16	17	18	19	20	21	22	23	24
Spiral Markers	ORN YEL	ORN GRN	ORN BRN	ORN	PNK BLU	PNK YEL	PNK GRN	PNK BRN	PNK	WHT BLU	WHT YEL	WHT GRN

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