

▶ **Multichannel Star Quad Microphone Cable (L-4E3-P Series)**



Product Image

Product Name

Multichannel Star Quad Microphone Cable

Model Number

L-4E3-P Series

A 25 AWG multichannel Star Quad snake cable with raised shields. Each channel is completely isolated and consists of 4 conductors surrounded by an overall braided shield encased in a color coded striped PVC jacket. Fine conductor stranding for flexibility, facilitates roll up and easy payout. The four conductor design provides superior EMI and RFI noise rejection in problem areas on stage.

Excellent crosstalk characteristics allow vastly different signals (-120dB mic, +4dB line, +10dB code levels) to be used in adjacent channels.

Note: All Canare DT12 Snake assemblies are built using our road-worthy and flexible L-4E3-12P cable.

- Multiple Audio Lines.
- Portable Applications.
- Audio Rack Wiring.
- PA Systems.
- Braided Copper Shield.
- Flexible in Extreme Cold Weather.
- Cross Linked PE Insulation.
- Rejects EMI and RFI.
- Multiple Channels.

MECHANICAL SPECIFICATIONS							
Model	Std. Lng. ft. (m)	No. of Channels (Pairs)	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-4E3-2P		2	8	18 (8)	.350 (8.8)	.032 (0.8)	
L-4E3-4P		4	16	31 (14)	.429 (10.9)	.043 (1.1)	
L-4E3-8P	328 (100)	8	32	57 (26)	.602 (15.3)	.051 (1.3)	
L-4E3-12P	656 (200)	12	48	79 (36)	.685 (17.4)	.051 (1.3)	-22 (-30)
L-4E3-16P		16	64	101 (46)	.744 (18.9)	.047 (1.2)	
L-4E3-24P		24	96	154 (70)	.945 (24.0)	.059 (1.5)	

(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)
L-4E3-P Series	.134 (3.4)	PVC 11.8	IPE 10.6	AC - #28 (7/4.72) 124 #25	<0.63 (<16)	AC Braid >93% (20AWG)

*Dielectric Strength = 500V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

**Effective AWG of combined twin conductors.

ELECTRICAL PERFORMANCE

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-4E3-P Series	<75.8 (<24.9)	<10.3 (<3.4)	145	170	43	1.8 (0.6)	1.8 (5.8)	<3 (<1)

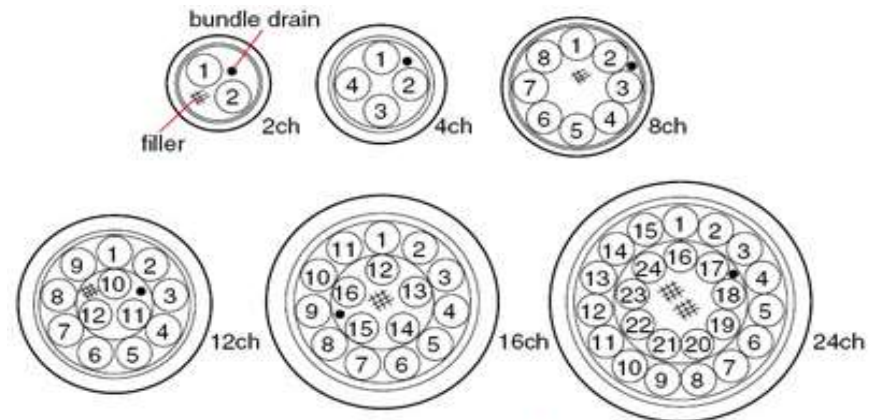
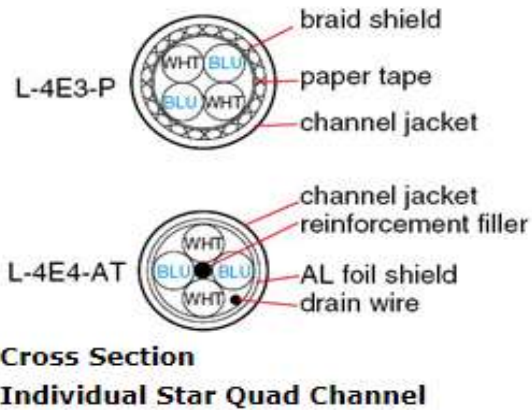
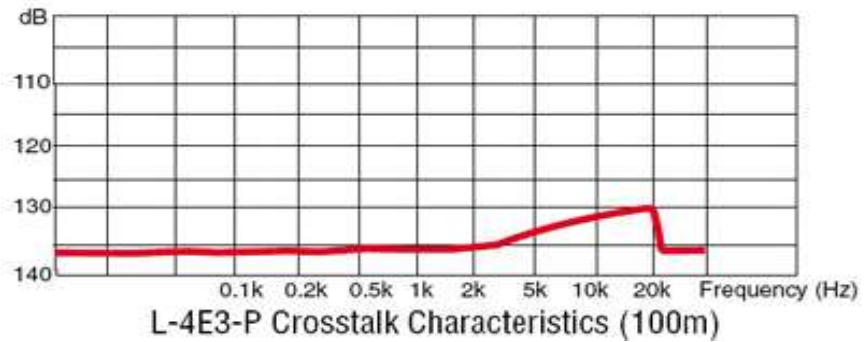
***Capacitance between conductors.

†Capacitance between conductors to shield

COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
L-4E3-P Series	[+]	--	--	--	--	--	--	--	--	--

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



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