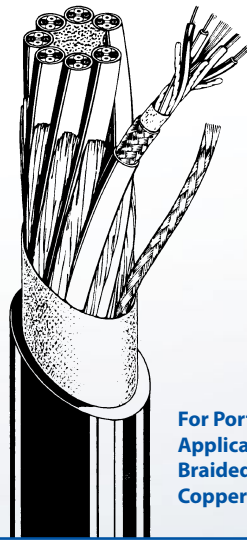


# Multi-Channel Star Quad Audio Snake Cable



**For Portable Applications**  
Braided Shield  
Copper Shield

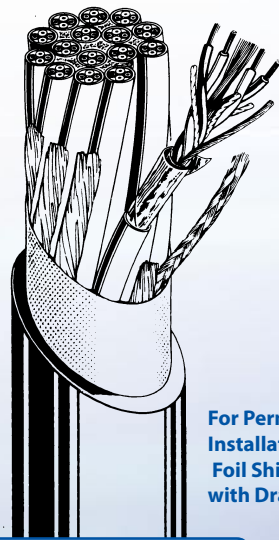
### L-4E3-P

A Multichannel Star Quad Snake cable with braided 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 time 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.

### L-4E4-AT

A 100% 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. Individual foil shield, drain wire and color banded PVC channel jacket strips easily for quick on-site termination.

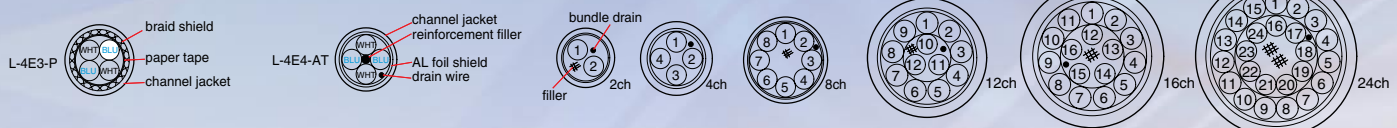


**For Permanent Installations**  
Foil Shield  
with Drain Wire

| Mechanical Specifications |                 |                      |                              |                |                                   |                       |                                 |                        |                                |                         |  |                            |  |
|---------------------------|-----------------|----------------------|------------------------------|----------------|-----------------------------------|-----------------------|---------------------------------|------------------------|--------------------------------|-------------------------|--|----------------------------|--|
| Model                     | Standard Length | No. of Quad Channels | Weight 328ft 100m lbs/ (kgs) | Nom. O.D. inch | PVC Jacket Nom. Thick. inch/ (mm) | Brittle Point °F (°C) | Number of Cond. (4 per Channel) | Channel O.D. Inch (mm) | Channel Jacket Nom. Thick. mil | Insul. Type * Thick mil | Cond - AWG (Qty./mil) Cross Sec. Area (mil. <sup>2</sup> ) | Pitch Twist Quad Inch (mm) | Shield Coverage Channel Drain Wire (Bundle Drain Wire) |
|                           |                 |                      |                              |                |                                   |                       |                                 |                        |                                |                         |  |                            |  |
| L-4E3-2P                  | 328ft 100m      | 2                    | 18/8                         | .350           | .032/0.8                          | -22<br>-30            | 8                               | .134                   | PVC                            | IPE                     | AC-#28   | <0.63                      | AC Braid >93%  |
| L-4E3-4P                  |                 | 4                    | 31/14                        | .429           | .043/1.1                          |                       | 16                              |                        |                                |                         | 7/4.72   |                            |  |
| L-4E3-8P                  |                 | 8                    | 57/26                        | .602           | .051/1.3                          |                       | 32                              |                        |                                |                         | 124 #25  |                            |  |
| L-4E3-12P                 | 656ft 200m      | 12                   | 79/36                        | .685           | .051/1.3                          | -22<br>-30            | 48                              | 3.4                    | 11.8                           | 10.6                    | 124 #25  | <16                        | - (20AWG)  |
| L-4E3-16P                 |                 | 16                   | 101/46                       | .744           | .047/1.2                          |                       | 64                              |                        |                                |                         |  |                            |  |
| L-4E3-24P                 |                 | 24                   | 154/70                       | .945           | .059/1.5                          |                       | 96                              |                        |                                |                         |  |                            |  |
| L-4E4-2AT                 | 328ft 100m      | 2                    | 18/8                         | .413           | .051/1.3                          | -22<br>-30            | 8                               | .146                   | PVC                            | IPE                     | AC-#25   | <0.83                      | AL Foil 100%   |
| L-4E4-4AT                 |                 | 4                    | 40/18                        | .484           | .055/1.4                          |                       | 16                              |                        |                                |                         | 16/4.73  |                            |  |
| L-4E4-8AT                 |                 | 8                    | 73/33                        | .665           | .059/1.5                          |                       | 32                              |                        |                                |                         | 279 #22  |                            |  |
| L-4E4-12AT                | 656ft 200m      | 12                   | 95/43                        | .748           | .059/1.5                          | -22<br>-30            | 48                              | 3.7                    | 11.8                           | 12.6                    | 279 #22  | <21                        | 23AWG (16AWG)  |
| L-4E4-16AT                |                 | 16                   | 117/53                       | .827           | .059/1.5                          |                       | 64                              |                        |                                |                         |  |                            |  |
| L-4E4-24AT                |                 | 24                   | 152/69                       | 1.031          | .067/1.7                          |                       | 96                              |                        |                                |                         |  |                            |  |

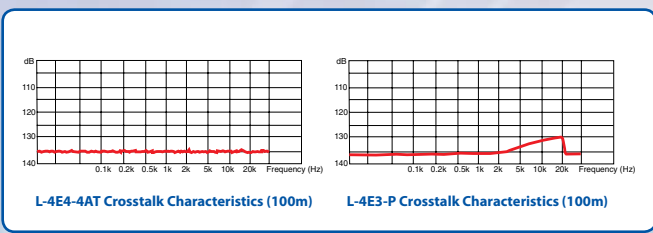
\* Dielectric Strength = 500V AC / 1min. Insulation resistance/3Mft => >1000MΩ.  
\*\* Effective AWG of combined twin conductors.

## Cross Section Individual Star Quad Channel



| Electrical Performance / Quad |                     |                     |                |                |           |                     |                  |                       |
|-------------------------------|---------------------|---------------------|----------------|----------------|-----------|---------------------|------------------|-----------------------|
| Model                         | Cond. D.C.R.        | Shield D.C.R.       | Nom. Cap. *    | Nom. Cap. **   | Nom. Imp. | Nom. Atten.         | Group Delay Time | X-Talk Input 3.31V    |
|                               | (Ω/1000ft) (Ω/100m) | (Ω/1000ft) (Ω/100m) | (pF/ft) (pF/m) | (pF/ft) (pF/m) | (Ω)       | (V/1000ft) (V/100m) | (nS/ft) (nS/m)   | (mV/1000ft) (mV/100m) |
| L-4E3 SERIES                  | <75.8<br><24.9      | <10.3<br><3.4       | 44<br>145      | 52<br>170      | 43        | 1.8<br>0.6          | 1.8<br>5.8       | <3<br><1              |
| L-4E4 SERIES                  | <32.9<br><10.8      | —                   | 50<br>164      | 68<br>222      | —         | —                   | —                | —                     |

\* Capacitance between twin Blue and twin White Conductors.  
\*\* Capacitance between conductors to shield.



| CHANNEL COLOR CODE - SPIRAL MARKERS ON GRAY JACKET |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 2   | 3   | 4   | 5   | 6    | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| RED  | BLU | YEL | GRN | BRN | BARE | BLK | BLK | BLK | BLK | BLK | ORN | ORN | ORN | ORN | ORN | PNK | PNK | PNK | PNK | PNK | WHT | WHT | WHT |
|  | BLU | YEL | GRN | BRN |      | BLU | YEL | GRN | BRN |     | BLU | YEL | GRN | BRN |     | BLU | YEL | GRN | BRN |     | BLU | YEL | GRN |