
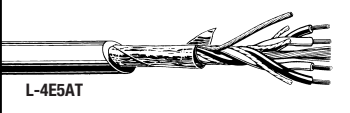



Star Quad Microphone Cables (Single)

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 | mm ² /(AWG) Q'ty/mm | mm | Ω/100m | Ω/100m | pF/m | pF/m |
|  L-4E3AT Jacket color: gray | L-4E3AT | | 3.0 | 1.1 | | 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 | | 0.18(25) 16/0.12A | 21 | 10.7 | | 164 | 222 |
| | L-4E6AT | | 6.2 | 5.0 | | 0.31(23) 12/0.18A | 25 | 6.4 | | 150 | 210 |
| | L-4E5AT-EM | | 5.0 | 3.3 | | 0.18(25) 16/0.12A | 21 | 10.7 | | 164 | 222 |
| | L-4E6AT-EM | | 6.2 | 4.9 | | 0.31(23) 12/0.18A | 25 | 6.4 | | 150 | 210 |
|  L-4E5ATG Jacket color: gray | L-4E5ATG | | 5.0 | 3.2 | | 0.18(25) 1/0.18(OFC) + 30/0.08(OFC) | 21 | 11.0 | | 164 | 222 |
| | L-4E6ATG | | 5.8 | 4.5 | | 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.

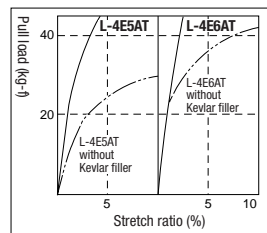


Fig. 1 Cable Pull Load and Stretch Ratio

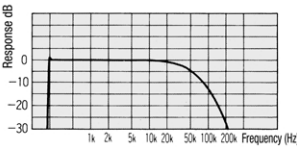


Fig. 2 Frequency Characteristics for L-4E5AT (100m)

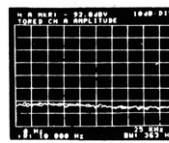


Fig. 3 Static Noise Characteristics for L-4E5AT (at 5M)

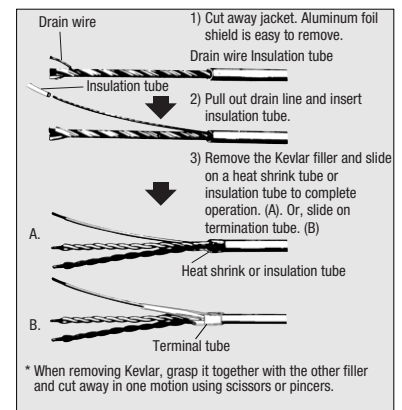


Fig. 4 Terminating L-4E5AT and L-4E6AT



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 | mm ² /(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 | | 0.15(26) 30/0.08A | 18 | >96% | 13.0 | 2.4 | 162 | 200 |
| | L-4E6 | 100 200 400 | 6.5 | 6.6 | | 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 | | 0.15(26) 30/0.08A | 18 | >96% | 13.0 | 2.4 | 162 | 200 |
| | L-4E6S | | 6.0 | 5.0 | | 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.

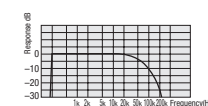


Fig. 5 Frequency Characteristics for L-4E6S (100m)

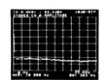


Fig. 6 Static Noise Characteristics for L-4E6S (at 5M)