APPLICATIONS

- MICROPHONES
- AUDIO RACK WIRING
- PA SYSTEMS
- AUDIO PATCH CORDS

FEATURES

Copper Braid or Aluminum Foil Shields

Cross-Linked PE Insulation

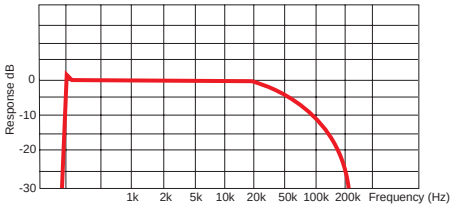
Reduced Handling Noise

Rejects EMI and RFI

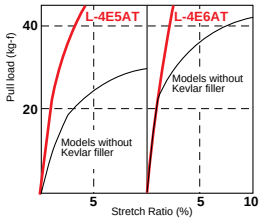
10 Matte Color Jacket Selections

Flexible in Extreme Cold Weather

For Portable Applications
Braided Copper Shield



Frequency Characteristics for L-4E6S (100m)



Cable Pull Strength

L-4E6S

The premier Star Quad cable for all hand held microphone applications. Flexible, satin smooth to the touch and extra-strong, this standard diameter, 21 AWG cable fits perfectly in all XLR-type audio connectors. Forty separate strands in each conductor eliminate breakage due to flexing. Available in 10 beautiful matte finish color jackets.

L-4E5C

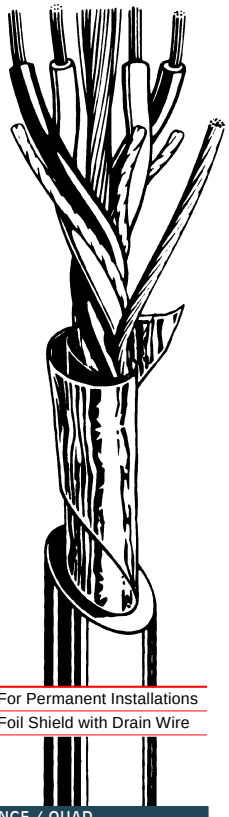
A narrow profile version of L-4E6S. Specifically designed to save space and reduce weight during remote field expeditions or confining installations.

L-4E6AT

A 20 AWG Star Quad cable specifically designed for point to point wiring in fixed installations. **Aluminum Foil** Shielding provides 100% coverage. Slick, easy to pull PVC Jacket. Cable internally reinforced with **Dupont Kevlar 29** filler, stronger than steel, can resist stretching or kinking of wires when pulled through conduit bends. Foil shield & drain wire strips easily for quick assembly work (1/3 the assembly time of braided shields). Irradiated PE conductor insulation resists solder iron meltdown.

L-4E5AT

A 22 AWG narrow profile Star Quad audio cable with the same shield, drain wire and **Kevlar** construction style as L-4E6AT.



For Permanent Installations
Foil Shield with Drain Wire

COLORS AVAILABLE

Model	BLK	BLU	BRN	GRY	GRN	ORN	PPL	RED	WHT	YEL
L-4E6S	■	■	■	■	■	■	■	■	□	■
L-4E5C	■	■		●	■	■		■	○	■
L-4E6AT	●			■						
L-4E5AT	●			■						

□ = Standard Stock ○ = Special Order

MECHANICAL SPECIFICATIONS

Model	Standard Length	Wgt. Stand. Length lbs (kgs)	Nom. O.D. inch (mm)	Jacket Nom. Thick. inch (mm)	Brittle Point °F (°C)	No. of Cond.	Insul. Type * Thick. mil	Cond - AWG (Qty./mil) Cross Sec. Area mil.² **Quad AWG	Pitch Twist Quad inch (mm)	Shield Coverage
L-4E6S	656 ft *200m* 1000 ft *305m*	24 *11* 35 *16*	.236 *6.00*	PVC .044 *1.12*	-56 *-49*	4 2 Blue 2 Wht	IPE 15.7	AC - #24 40/3.15 310 **#21**	.79 *20*	>95% TAC Braid
L-4E5C	656ft *200m*	18 *8*	.189 *4.80*	PVC .032 *0.80*	-56 *-49*	4 2 Blue 2 Wht	IPE 11.8	AC - #26 30/3.15 232.5 **#23**	.71 *18*	>96% TAC Braid
L-4E5AT	656ft *200m*	16 *7*	.197 *5.00*	PVC .039 *1.03*	-22 *-30*	4 2 Blue 2 Wht	IPE 12.6	AC - #25 16/4.73 279 **#22**	.83 *21*	100% Alum. Tape ‡‡
L-4E6AT	656ft *200m*	23 *10*	.244 *6.20*	PVC .047 *1.20*	-22 *-30*	4 2 Blue 2 Wht	IPE 15.7	AC - #23 12/7.09 481 **#20**	.99 *25*	100% Alum. Tape ‡

ELECTRICAL PERFORMANCE / QUAD

Model	Cond. D.C.R. Ω/1000ft (Ω/100m)	Shield D.C.R. Ω/1000ft (Ω/100m)	Nom. Cap. *** pF/ft (pF/m)	Nom. Cap. † pF/ft (pF/m)	Nom. Imp. (Ω)	Nom. Atten. V/1000ft (V/100m)	Group Delay Time nS/ft (nS/m)
L-4E6S	<29.9 *<9.8*	<9.1 *<3.0*	46 *150*	57 *185*	44	0.9 *0.3*	1.80 *5.9*
L-4E5C	<39.7 *<13.0*	<7.6 *<2.5*	50 *162*	61 *200*	40	0.9 *0.3*	1.71 *5.6*
L-4E5AT	<32.7 *<10.7*	—	50 *164*	68 *222*	37	0.9 *0.3*	1.71 *5.6*
L-4E6AT	<19.4 *<6.4*	—	46 *150*	64 *210*	37	0.6 *0.2*	1.68 *5.5*

*Dielectric Strength = 500V AC / 1min. Insulation resistance/3Mft = >1000MΩ. ** Effective AWG of combined twin conductors.
*** Capacitance between twin Blue and twin White Conductors. † Capacitance between conductors to shield. ‡ Drain Wire #23 AWG. ‡‡ Drain Wire #25 AWG.