



## FEATURES:

- » Rugged, Low Profile, Extruded Aluminum T-channel Stagebox for Best Shielding and Connector Protection.
- » DuraLink Series Multipair (2 x 24 AWG) Audio Cable
- » Individually Shielded Pairs with 100% Coverage Foil Shield and Drain Wire
- » Durable PVC Outer Jacket
- » CL2 rated to meet NEC requirements
- » Plastic tubing on each channel for a tangle-free fanout
- » Color-Coded Fanout for Easy Channel Identification
- » Cable is Highly Flexible
- » Rugged Amphenol Nylon XLR Panel-mount connectors
- » Amphenol Metal-shell Cable Connectors for High-use Durability
- » Limited 3-Year Warranty

## DESCRIPTION:

Whether your multipair system will be used in a fixed installation or a “medium-use” portable application, StageMASTER SMA Series Snakes are clearly the ideal choice.

Each StageMASTER SMA Series Snake stagebox is constructed of a virtually indestructible aluminum extrusion with a center T-channel for incredible structural integrity. The low-profile box provides both excellent shielding and protection from connector damage.

Mic inputs are rugged Amphenol nylon XLR panel connectors and returns are either Amphenol nylon XLR-type connectors or durable metal 1/4”T/R/S Panel Jacks (as designated).

The stagebox is wired with CL2-rated Pro Co DuraLink Multipair Audio Cable to a 3 or 4 foot Fanout (determined by total number

of channels) with Amphenol Male and Female XLR connectors or metal shell 1/4”T/R/S Phone Plugs (as designated).

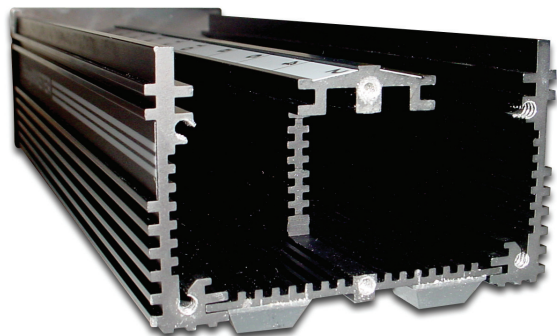
The cable is secured to the stagebox with a durable nylon strain relief. The individual channels of the Fanout are protected with PVC-tubing for long flex-life, easy channel identification and a tangle-free fanout.

StageMASTER Multipair Audio Snakes are available in 8 x 0, 8 x 4, 12 x 4, 16 x 4, 24 x 4, 24 x 8 and 32 x 8 (Mics x Returns) Fan to Box configurations. Standard lengths vary from 25 to 200FT. Custom lengths and configurations are available. Please contact the factory for details.

# STAGEBOX SPECIFICATIONS: FAN END SPECIFICATIONS:

**CONNECTORS:**  
**MICROPHONE INPUT:** Amphenol Nylon XLR Female Panel-mount  
**RETURNS OUT XLR MODEL:** Amphenol Nylon XLR Male Panel-mount  
**RETURNS OUT T/R/S MODEL:** Metal 1/4" T/R/S Panel-mount  
**STAGEBOX:** Extruded Aluminum T-channel construction; Steel End Caps  
**FEET:** Non-skid Rubber (4)  
**FINISH:** Black Powder Coat  
**CHANNEL MARKING:** Mylar Channel ID Strip  
**STRAIN RELIEF:** Nylon

All stagebox-end XLR connectors utilize IDC terminations. Hand-soldered connectors are available upon request.



The rugged T-Bar construction and aluminum extrusion technology make for a truly sturdy stage box. The narrow profile top-loading boxes are easy to set up and use and are easily visible in poor lighting on stage.

## MULTIPAIR AUDIO CABLE:

**WIRE:** Pro Co DuraLink Multipair Audio Cable  
**UL RATING:** CL2  
**CONDUCTOR GAUGE:** 24 AWG (.20mm<sup>2</sup>)  
**STRANDING no. strands x AWG:** 7 x 32 (7 x .254mm<sup>2</sup>)  
**INSULATION:** .010" (.254mm)  
**INSULATION MATERIAL:** Polypropylene  
**NOMINAL LAY LENGTH:** 1.5" (38.1 mm)  
**DRAIN WIRE GAUGE:** 24 AWG (.20mm<sup>2</sup>)  
**DRAIN WIRE STRANDING:** 7 x 32 (7 x .254mm<sup>2</sup>)  
**SHIELD MATERIAL:** Aluminum/Polyester Tape Wrap  
**SHIELD COVERAGE:** 100% coverage  
**CAPACITANCE**  
 - between paired conductors: 23 pF/ft. (75 pF/m)  
 - between one of paired conductors and remaining conductor tied to shield): 43 pF/ft. (141 pF/m)  
**CALCULATED IMPEDANCE:** 67 ohms/kft (219.8 ohms/km)  
**NOMINAL CONDUCTOR RESISTANCE @ 20°C:** 25.6 ohms/kft (80.7 ohms/km)

OVERALL DIAMETER:		O.D.	O.D.mm
Model	Pairs		
DLAC8	8	0.391"	9.93mm
DLAC12	12	0.475"	12.1mm
DLAC16	16	0.546"	13.9mm
DLAC20	20	0.560"	14.2mm
DLAC28	28	0.680"	17.3mm
DLAC32	32	0.710"	18.0mm
DLAC40	40	0.783"	19.9mm

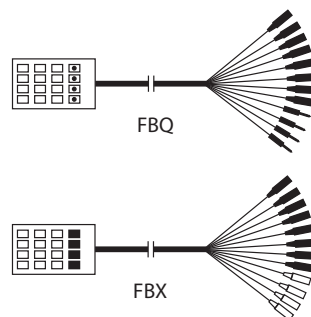
Pro Co DuraLink Multipair Audio Cable is RoHS Compliant.

**CONNECTORS:**  
**MICROPHONE OUTPUT:** Amphenol XLR Male Cable-mount  
**RETURNS INPUT XLR MODEL:** Amphenol XLR Female Cable-mount  
**RETURNS INPUT T/R/S MODEL:** Rean 1/4" T/R/S Cable-mount  
**CHANNEL INSULATION:** .010" (.254mm) Polyethylene  
**CHANNEL MARKING:** PVC Tubing with Channel markers and color coded cable ties

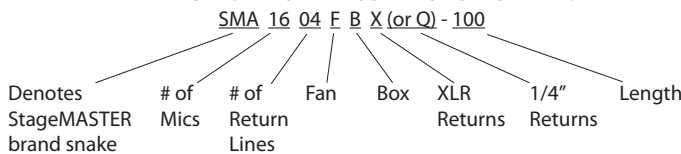
All fan-end XLR connectors are IDC terminations. Hand-soldered connectors are available upon request.

## STANDARD CONFIGURATIONS:

**FAN TO BOX**  
 Available in 8, 12, 16, 20, 28, 32 and 40 channel count.  
 8 Thru 20 channel snakes are available in 25, 50, 75, 100 and 150 foot lengths.  
 28 thru 40 channel models are also available in 100, 150 and 200 foot lengths.  
 Available with either XLR or 1/4" T/R/S returns.



### WHAT STAGEMASTER MODEL NUMBERS MEAN:



## WARRANTY:

**STAGEMASTER SNAKES**  
 All StageMASTER Snakes carry a full limited 3-year warranty to the original purchaser against defects in materials and workmanship.



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