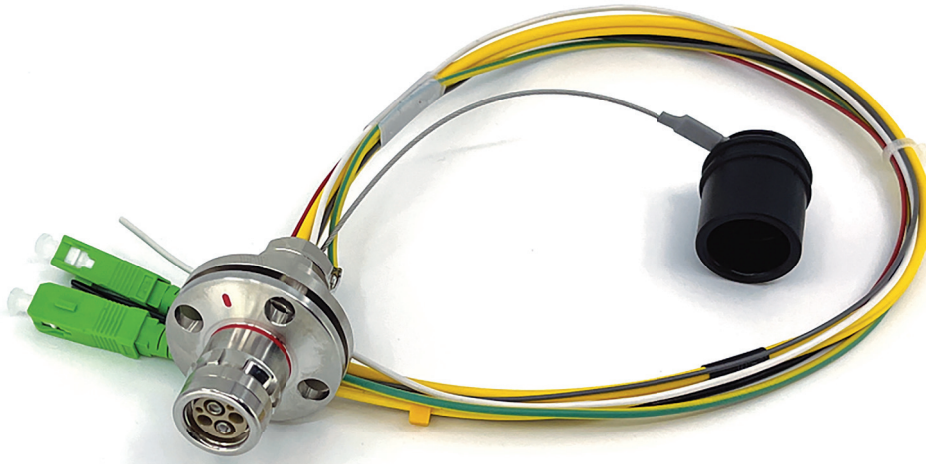




# Product Data Sheet

## Argosy 1m Lemo 3K.93C FXW Tails

### Description



The Argosy SMPTE Tail assemblies are a premium range of fibre optic hybrid connector systems designed for the high demands of the broadcast, cinema and media industries. These assemblies are engineered to provide a reliable and efficient connection for cameras, switchers and other equipment in both studio and OB environments. The Lemo EDW & FXW series is renowned for its robust design, exceptional signal integrity, and durability, making it an ideal choice for professionals seeking the highest quality in connectivity.

Manufactured by Argosy, a leader in the industry, the Lemo SMPTE EDW & FXW Tail Assemblies stand as a testament to unmatched performance, reliability, and adaptability in professional AV environments. For those involved in studio production, live broadcasting, or any high-demand media application, these assemblies ensure seamless, high-quality connections through their superior design and rigorous testing protocols.

Product	SKU	Product	SKU
ARGOSY 1M LEMO 3K.93C FXW TO LC FIBRE AND 6 WAY MATE-N-LOK PLUG, TAILS	105023	ARGOSY 1M LEMO 3K.93C FXW TO ST FIBRE AND BARE END COPPER TAILS	100568
ARGOSY 1M LEMO 3K.93C FXW TO ST FIBRE AND 6 WAY MATE-N-LOK PLUG, TAILS	105024	ARGOSY 1M LEMO 3K.93C FXW TO SC FIBRE AND BARE END COPPER TAILS	105028
ARGOSY 1M LEMO 3K.93C FXW TO SC FIBRE AND 6 WAY MATE-N-LOK PLUG, TAILS	105025	ARGOSY 1M LEMO 3K.93C FXW TO SC/APC FIBRE AND BARE END COPPER TAILS	105029
ARGOSY 1M LEMO 3K.93C FXW TO SC/APC FIBRE AND 6 WAY MATE-N-LOK PLUG, TAILS	105026	ARGOSY 1M LEMO 3K.93C FXW TO BARE END FIBRE AND COPPER TAILS	105030
ARGOSY 1M LEMO 3K.93C FXW TO LC FIBRE AND BARE END COPPER TAILS	105027		



# Product Data Sheet

## Argosy 1m Lemo 3K.93C FXW Tails

### Key Benefits

- **High-Quality Construction:** Each assembly is constructed with precision-engineered Lemo 3K.93C.Y series connectors known for their reliability, durability, and resistance to environmental challenges such as dust, water, and mechanical strain.
- **Hybrid Fibre Optic and Electrical Interfaces:** Combining both optical and electrical components, these assemblies deliver power and signal in a single connection, simplifying setup and reducing clutter. This feature is particularly beneficial for high-definition video applications requiring long-distance transmission without loss of quality.
- **Compatibility and Versatility:** Designed to meet SMPTE (Society of Motion Picture and Television Engineers) standards, these pigtail assemblies ensure compatibility with a wide range of professional broadcast and cinema equipment. This makes them a versatile solution for various applications, including live broadcasting, film production, and event coverage.
- **Easy Installation and Maintenance:** The Lemo SMPTE EDW & FXW Tail Assemblies come with pre-terminated connectors, making installation quick and straightforward. Additionally, their design facilitates easy maintenance and field repair, ensuring minimal downtime.
- **Customisation Options:** Understanding the diverse needs of the industry, these assemblies are available in various lengths and Optical connector configurations. Custom options can be tailored to specific project requirements, ensuring that every setup is optimized for performance and efficiency.

#### Applications:

- Professional Broadcasting
- Cinema Production
- Live Events and Concerts
- Sports Coverage
- Corporate Events

### Technical Specification

#### Argosy 1m Lemo 3K.93C FXW Tails Specification

<b>Panel Mount Socket:</b> Lemo FXW.3K.93C.YSE with BHA Rubber Cap	<b>Fibre tail connectors:</b> LC / ST / SC / SC APC
<b>Insertion Loss:</b> <0.5dB	<b>Electrical tail connectors:</b> 6 position MATE-N-LOK plug
<b>Return Loss:</b> ≥-45dB	<b>Configurations:</b> A variety of lengths and connections are available upon request
<b>Connector:</b> Lemo 3K.93C connectors which conform to SMPTE 304M	

All assemblies are manufactured in house and undergo a stringent quality control process. Every cable is measured for insertion and return loss and consistently performs above industry standards. Additionally, all optical termini are 3D mapped and checked for conformance to EN 61300-3-23. Argosy is a certified Lemo termination partner.