

WST.ST - Splice Tray

2U Rack mounted splice panel for FXW plugs and EDW sockets
EXCLUSIVELY DEVELOPED FOR LEMO

Description:

The new **WST.ST-Splice Tray** offers users the ability to quickly and easily install a space saving and robust HD video bulkhead interface solution without compromising performance. Being modular by design, this versatile system can be easily configured to specific application requirements and therefore quick turn-around bespoke solutions can be easily supported.

With each system accommodating up to eight *SMPTE 311M* hybrid fibre (HD) camera cables / *LEMO 3K.93C SMPTE 304M* bulkhead connector interfaces, it is ideal for mobile production and studio applications. By means of a portable automatic fusion splicer it can be field terminated, making it suitable for projects where application constraints prohibit the use of pre-terminated camera cables.



WST.ST.X0D8-DLCF-S-C2-8M

Key features:

- Compact, Aluminum ENAW-5754 material chassis design with easy internal access
- A configurable modular construction which accommodates up to **eight** LEMO EDW/FXW bulkhead connectors
- Designed for LEMO 3K.93C bulkhead connectors, factory terminated to internal LC fibre-optic and quick mate electrical connectors
- Inline internal breakout design providing uniform and optimized fiber bend radii across all terminals
- Design compatible with all standard **19" 2U** racking systems
- Common off-the-shelf components and sub-assemblies enabling easy system upgrades and field servicing
- Tested and certified by original manufacturer of 3K.93C SMPTE 304M connectors

Mechanical specifications:

PART NUMBER	Fibre connector type	DIMENSIONS (H x W x D) mm	WEIGHT (kg)
WST.ST	LC-duplex, SC, E2	88 x 483 x 250	2.5 kg

Key benefits:

- Reduced application space requirements enabling simplified system level architecture
- Simplified installation process with integration being completed with basic fusion splicing and electrical crimping techniques
- Improved performance through factory terminated fibre-optic interface contacts and an optimised internal cable management system
- Reduced cost of ownership through higher product quality and improved protection levels
- Reduced manufacturing lead-times, as all solutions use common off-the-shelf component and subassemblies, configured to specific customer needs
- Reduced service costs through ease of access and reduced spares inventory requirements
- Reduced transport costs for overseas or mobile applications

WST.ST - Product overview:



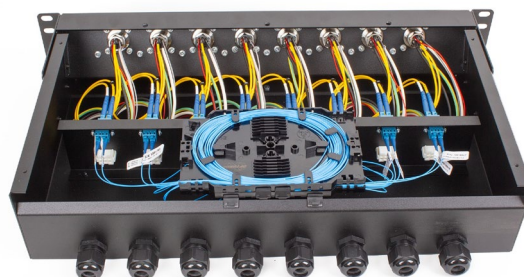
WST.ST.X2D0 - Front view with 2x FXW 3K.93C



WST.ST.X8D0 - Front view with 8x FXW 3K.93C



Internal arrangement of WST.ST.X0D4-DLCF-S-C1-4M



Internal arrangement of WST.ST.X0D8 - Back view

Example of types LEMO connectors:

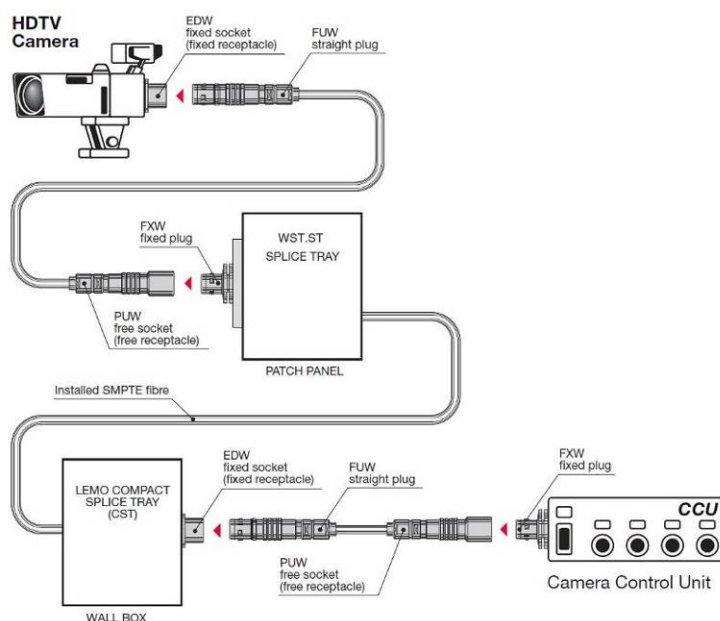


FXW 3K.93C plug



EDW 3K.93C socket

Application overview:



Ordering code:

WST.ST.	XxDx	- XX(F) ¹ -X	- CX	- XM	- (xP) ²												
	Xx - Numbers of FXW connectors (0 - 8) Dx - Numbers of EDW connectors (0 - 8)		X Number of Splice trays 0 - 2	X Number of MATE-N-LOK connectors	x Number of PG cable glands												
Coupling Type<table><tr><td>DLC(F)</td><td>Duplex LC</td><td>M</td><td>Multi mode</td></tr><tr><td>SC(F)</td><td>SC</td><td>S</td><td>Single mode</td></tr><tr><td>E2(F)</td><td>LSH (E2000)</td><td>A</td><td>APC mode</td></tr></table>						DLC(F)	Duplex LC	M	Multi mode	SC(F)	SC	S	Single mode	E2(F)	LSH (E2000)	A	APC mode
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Note: 1) **F** - Fixed adaptors by screws
2) Optional, standard is fully equipped with 8x PG13.5



Back view of WST.ST with PG13.5 glands