

WST.HT - Splice Tray

**2U Half 19" rack module to carry up to 4x SMPTE connectors (18 cm depth)
EXCLUSIVELY DEVELOPED FOR LEMO**

Description:

The new **WST.HT-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. The **WST.HT 2U half 19" rack** cabinet uses a reduced depth of 18 cm while maintaining its full functionality.

With each system accommodating up to four *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.



Key features:

- Compact, aluminum-magnesium alloy ENAW-5754 material chassis design with easy internal access
- A configurable modular construction which accommodates up to **four** LEMO FMW/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 is suitable for **2U half 19" rack** 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
- Durable powder coat finish in **RAL 9005** colour (black)

Mechanical specifications:

PART NUMBER	FIBER CONECTOR TYPE	DIMENSIONS (H x W x D) mm	WEIGHT (kg)
WST.HT	LC-duplex, SC, E2	88 x 267* x 180	1.2 kg

* With both unit holders

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.HT - Product overview:



WST.HT.Z3 - Front view



Front view of WST.HT.Z3 - Internal arrangement



Back view of WST.HT.Z3 - Internal arrangement

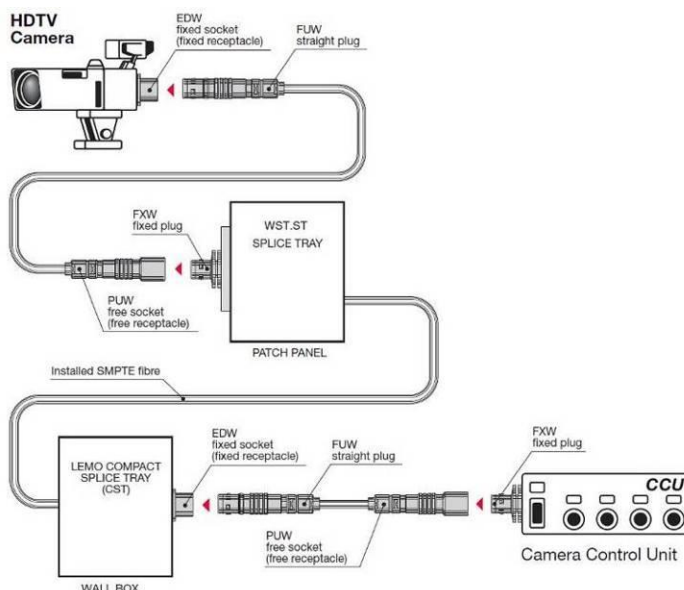


WST.HT - Back view with rubber glands

Example of types LEMO connectors:

		
<i>FXW 3K.93C YSE plug</i>	<i>FMW 3K.93C YSKC96Z plug</i>	<i>EDW 3K.93C YSE socket</i>

Application overview:



Ordering code:

WST.HT. (Z)(X)x - XxYY(F)¹-Z - CX - XM - (xP)²

Xx – Number of
FXW connectors (0 - 4)

Zx – Number of empty
holes
without connectors (0 - 4)

X –
Number of
Splice trays
0 – 1

X –
Number of
MATE-N-LOK
connectors

x –
Number of
PG cable
glands

X – Number YY-Z – Coupling type

DLC(F)	Duplex LC	M Multi mode
SC(F)	SC	S Single mode
E2(F)	LSH (E2000)	A APC mode

Note: 1) **F** - Fixed adaptors by screws

2) Optional, standard is fully equipped with 3x or 4x rubber grey glands

Example of Ordering code:

WST.HT.Z4-4xDLCF-S-C1-4M-4P

WST.HT.X4...

WST.HT.Z3-6xSC-A-C1-3M-3P

WST.HT.X3...

Without 4x FXW connectors, 4x DLC/PC adapters, 1x splice cassette, ...

Loaded with 4 FXW connectors ...

3 hole provision, no FXW connectors, 6x SC/APC adapters, 1x splice cassette, ...

Loaded with 3x FXW connectors ...

Separate half 19" rack panels:

Ordering code	Description	Picture
MEPP.SH.FXW.03	Separate half 19" rack panel with 3 holes for 3x FMW, FXW, EDW connectors, labelling strip, black colour	