

COMPACT SPLICE TRAY (CST)



2U rack mounted compact splice tray

Specifically targeted at the fast-paced broadcast market where “time is of the essence”, LEMO’s new Compact Splice Tray (CST) offers users the ability to quickly and easily install a space saving and robust HD video bulkhead interface solution without compromising performance.

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.

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.



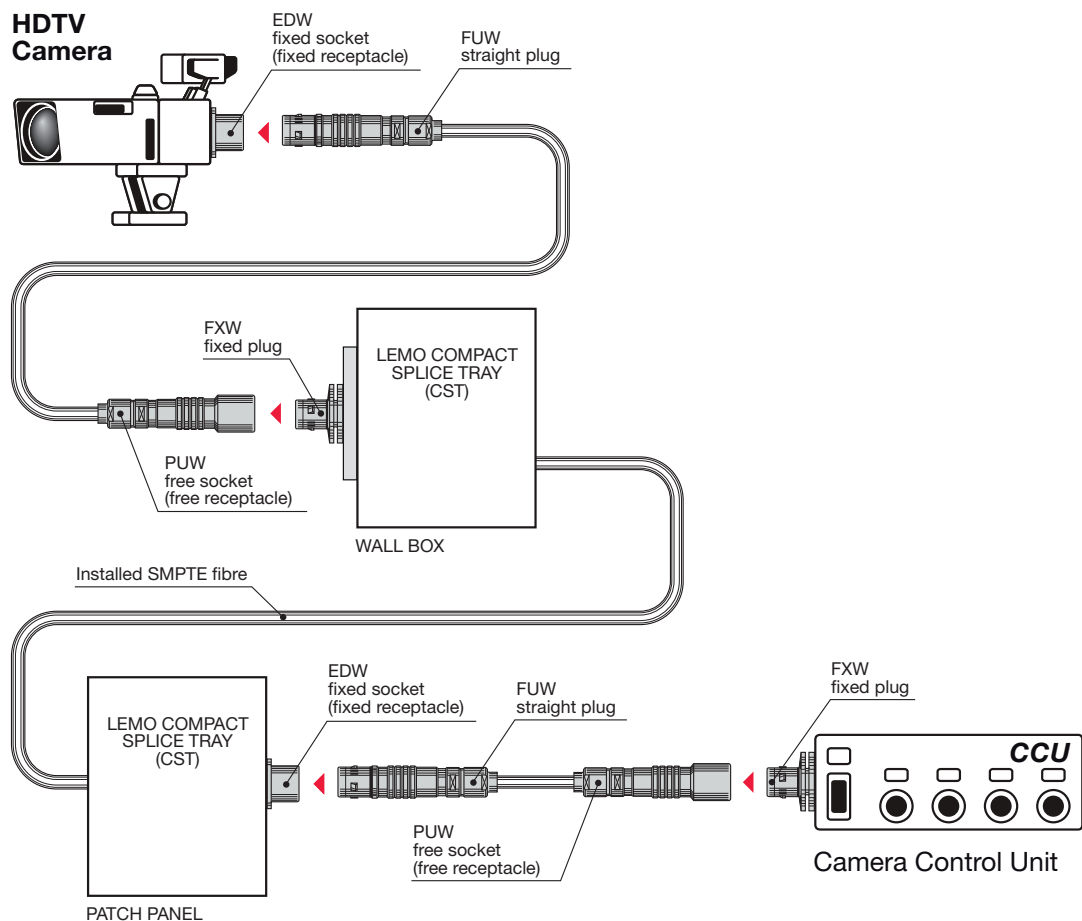
Key Features

- Compact, lightweight aluminium chassis design with easy internal access and adjustable mounting brackets.
- A configurable modular construction which accommodates up to eight LEMO EDW / FXW bulkhead connectors.
- Pre-installed LEMO 3K.93C bulkhead connectors, factory terminated to internal LC fibre-optic and quick mate electrical connectors.
- Inline internal breakout design providing uniform and optimised fibre 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.
- Factory tested and certified by original manufacturer of 3K.93C SMPTE 304M connectors

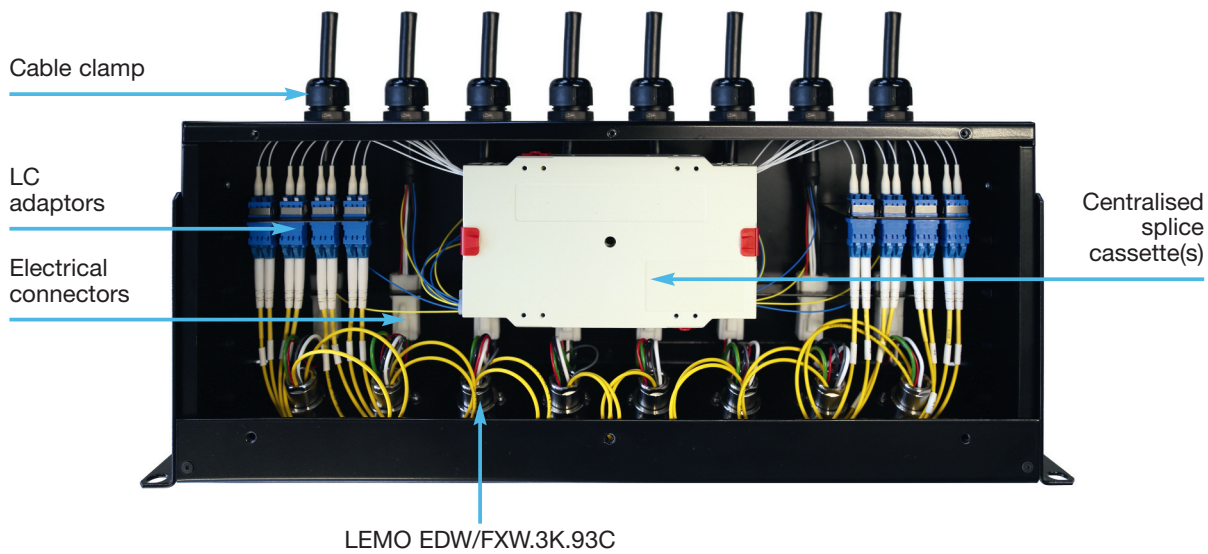
Key Benefits

- 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 sub-assemblies, 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.

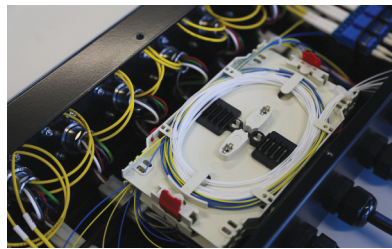
Application Overview



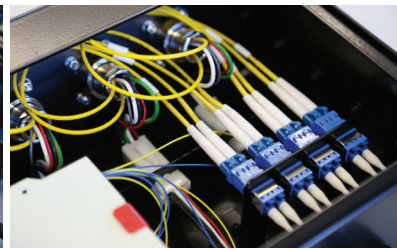
Product Overview



3K.93C connector



Splice cassette



LC bulkhead

Mechanical Specifications

Materials	1-8 way 2U rack mount CST	Connectors	1-8 way 2U rack mount CST
Chassis	Aluminium alloy	Electrical/Power	AMP Mate-N-Lok (Plug/Socket)
Internal brackets	Mild steel	Fibre connector type	LC, singlemode
Mounting brackets	Mild steel	Adaptor	LC, duplex, LC-LC
Finish	Black, satin	Splice cassette	Industry standard

Dimensions	1-8 way 2U rack mount CST
Mounting brackets hole spacing (mm)	465
Overall dimensions W x H x D (mm)	480 x 88 x 184
Mounting type	2U, rackmount/wall mount

Accessories Included

- LC pigtails (1m ea.)
- Fusion splice protectors
- AMP Mate-N-Lok connector housing with crimp contacts
- LC coupler (duplex)
- LAPP Gland Seals accommodating $\leq 13\text{mm}$ cable
- Splice Cassette(s) – 12 splice capacity ea.

Part Number

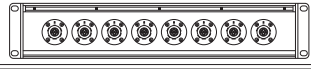
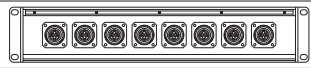
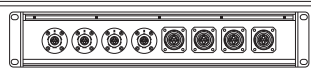
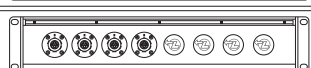
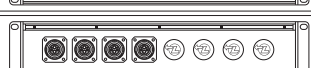
U K E . 0 5 2 8 . C S T . F * E * A

Model

Orientation in panel;
A = left to right, standard

No of FXW.3K.93C fitted; 1-8

No of EDW.3K.93C fitted; 1-8

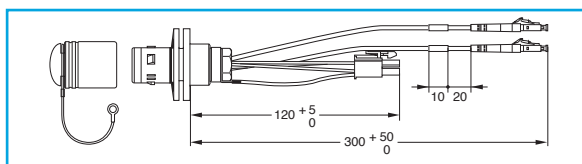
Part number	Description
UKE.0528.CST.F8E0A	Comes with 8 x FXW.3K.93C.YSE 
UKE.0528.CST.F0E8A	Comes with 8 x EDW.3K.93C.YSE 
UKE.0528.CST.F4E4A	Comes with 4 x FXW.3K.93C.YSE & 4 x EDW.3K.93C.YSE 
UKE.0528.CST.F4E0A	Comes with 4 x FXW.3K.93C.YSE & 4 x UKP.01.0528.01 
UKE.0528.CST.F0E4A	Comes with 4 x EDW.3K.93C.YSE & 4 x UKP.01.0528.01 

Note: Other configurations are available on request. Units with blank slots will be supplied with LEMO branded blanking plugs.

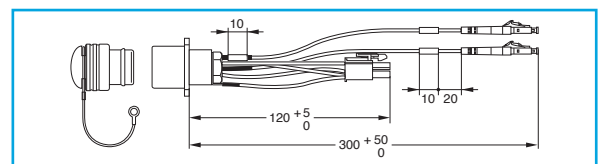
Spares and Repair part numbers

Part number	Description
UKE.0528.CST.KT.01	Kit containing: 2 X LC pigtails (1m ea.), 2 x splice protectors, 1 x AMP connector housing w/ 6 x crimp contacts, 1 x LC coupler (duplex), earth wire.
UKF.3K.D33.000030	Connector Assembly: 1 x FXW.3K.93C terminated to 0.3m (2 x LC plug) and 0.12m (AMP plug) pigtails
UKF.3K.D37.000030	Connector Assembly: 1 x EDW.3K.93C terminated to 0.3m (2 x LC plug) and 0.12m (AMP plug) pigtails
BHA.3K.100.EAN	Dustcap for FXW.3K.93C
BRA.3K.200.EAN	Dustcap for EDW.3K.93C
UKP.01.0528.01	Moulded blanking plug for use in CST front panel, with LEMO logo, black
DCS.F2.N02.PA	Fibre Optic One-Click cleaner-uses a mechanical push action to advance an optical grade cleaning tape. More than 500 cleaning per cleaner. Product includes special LEMO ferrule adaptor.

UKF.3K.D33.000030



UKF.3K.D37.000030



UKE.0528.CST.KT.01



BHA.3K.100.EAN



BRA.3K.200.EAN



UKP.01.0528.01



DCS.F2.N02.PA



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