

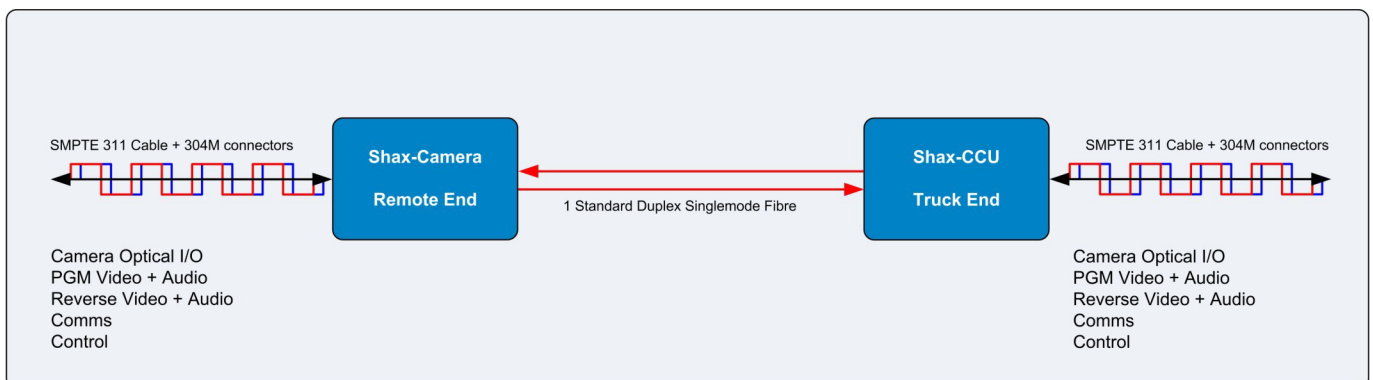
Deployable Optical Products for Outside Broadcast



Description:

- The **Shax System** enables SD-SDI and HD-SDI broadcast cameras with standard SMPTE 304M hybrid connectors to operate over singlemode optical fibre.
- Replaces traditional copper/fibre hybrid cables between the camera and CCU with standard fibre, ideal for venues with existing fibre infrastructure.
- Perfect for use in stadiums, arenas, and concert halls with pre-installed fibre networks.
- Both transmitter and receiver units are housed in compact, rugged aluminium enclosures—ideal for OB and flyaway setups.
- Allows local camera powering while extending system range and reducing the need for bulky hybrid cables.
- Fibre connectivity is via standard SC, LC, ST, or FC connectors for broad compatibility.

Shax Diagram



Shax-Camera

Optical Input	
Connector	LEMO PHW 3K.93C Free Socket
Wavelength	Independent
Optical Output	
Connector	2 x Female SC, LC, FC or FC/APC See Ordering Information
Wavelength	Independent
Optical Loss	< 1 dB per end

Shax-CCU

Optical Input	
Connector	2 x Female SC, LC, FC or FC/APC See Ordering Information
Optical Output	
Connector	LEMO FGW 3K.93C Straight Plug
Wavelength	Independent

General Specifications

Diameter	39 mm
Length	136 mm Shax-CCU 124 mm Shax-Camera
Operating Temp	-20 to +60 °C
CCU Supply Voltage	36 V dc and 240 V ac
Conformance	
EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-2
RoHS	Complies with Directive 2002/95/EC
IP Rating	IP50
Warranty	5 Years



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