

# KD-CON™ TMS MULTIPLEXER

## TMS Fibre Mux

The KD-Con™ TMS Fibre Mux is a rack mountable unit that fit the KD-Con™ topside rack.

The TMS Fiber Mux has two video channels and 6 serial channels. The serial channels can individually be set to RS232/RS485 or TTL/trigger. In the units front plate there are several LEDs for easy diagnostics. The two video channels, with DIN 1.0/2.3 connector are also available in the front.

Serial channel 1-3 are connected through the backplane connector to the KD-Con™ rack RJ45 connectors T1, T2 and T3. Serial channels 4-6 are available through RJ45 connectors in the front plate.

### FEATURES

- 2 ch Video, Composite or 3G HD SDI
- 6 ch serial, 115kbps, RS232/RS485/TTL
- Simplex SM 9/125 LC Fibre Connector
- Voltage: 9 – 36Vdc
- Power consumption: 400mA @ 12V
- Fibre Transmit output power: -1dbm
- Fibre Receiver sensitivity: -25 to -8dbm
- Size: 3U, 14HP

### PART NO:

<b>101495</b>	KD-CON™ TMS MULTIPLEXER MK2 (TOPSIDE)
<b>101469</b>	TMS SUBSEA CONTROLLER
<b>101502</b>	TMS POD MULTIPLEXER
<b>101084</b>	RS232 PIGGYBACK
<b>101085</b>	RS485 PIGGYBACK
<b>101086</b>	TTL PIGGYBACK

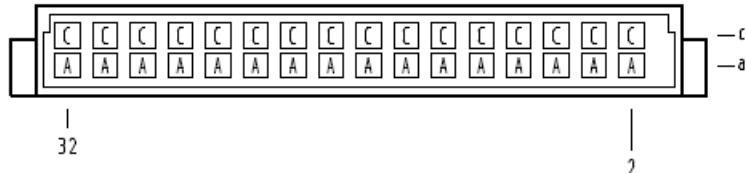


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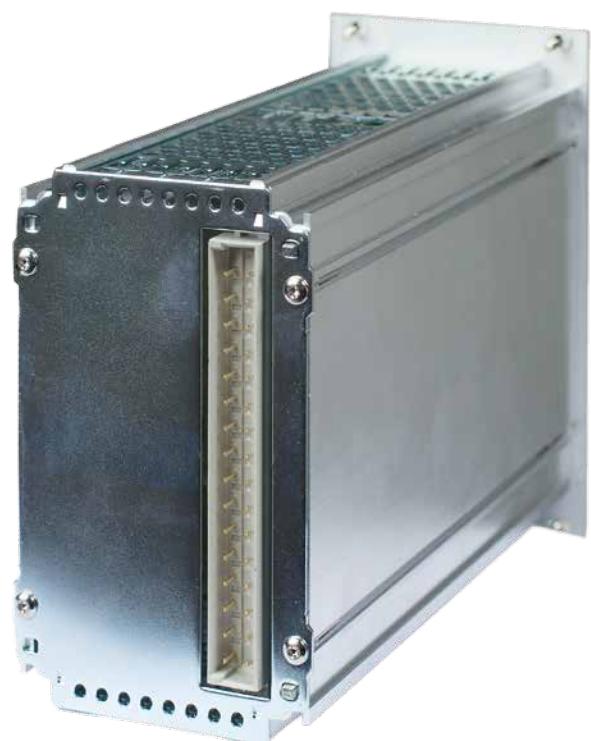
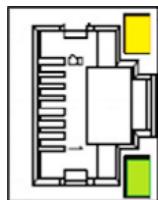
## BACKPLANE CON

### EURO-C 32P AC16 ST

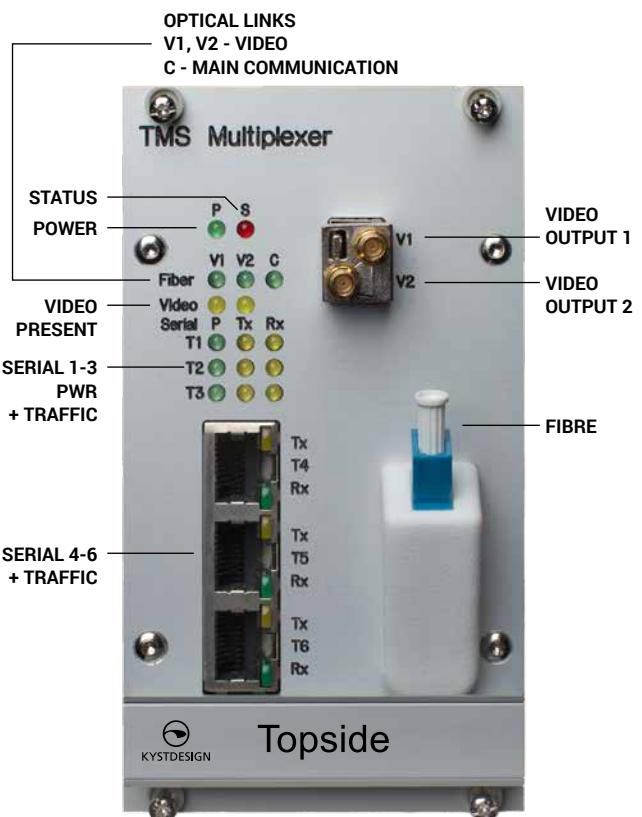
PIN	A	C
2	0V (12V GND)	
4	12VDC	
6		
8	SDA	SCL
10		
12	0V (12V GND)	
14		
16		
18		
20		
22		
24	RS232 T1 TX	RS232 T1 Ref
26	RS232 T2 Ref	RS232 T1 RX
28	RS232 T2 RX	RS232 T2 TX
30	RS485 T3 +	RS485 T3 Ref
32		RS485 T3 -

## T4/T5/T6

PIN	SIGNAL
4	Ref
5	TX
6	RX



## DISPLAY



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