

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 3 serial channels. The video SMB connectors are on the unit's front plate and serial through the backplane connector to the KD-Con™ rack RJ45 cons T1, T2 and T3.

Backplane design together with a front plate LC fibre connector enables easy system swap.

FEATURES

- 2 ch Pal video, 10bit, SMB Connector
- 2 ch RS232 (T1 & T2), 1 ch RS485 (T3), 115kbps
- 1310nm Transceiver
- Simplex SM 9/125 LC Fibre Connector
- Voltage: 9 – 36 V
- Power consumption: 500mA@12V
- Fibre Transmit output power: -1dBm
- Fibre Receiver sensitivity: -30 to -6dBm
- Size: 3U, 14HP

PART NO:

101094	KD-CON™ TMS MULTIPLEXER SUBSEA
100580	KD-CON™ PRIZM MINI MUX SUBSEA



KYSTDESIGN AS

Strandgaten 202 - 5525 Haugesund, Norway
post@kystdesign.no - Phone: +47 52.70 62 50

www.kystdesign.no

KD-CON™ TMS MULTIPLEXER

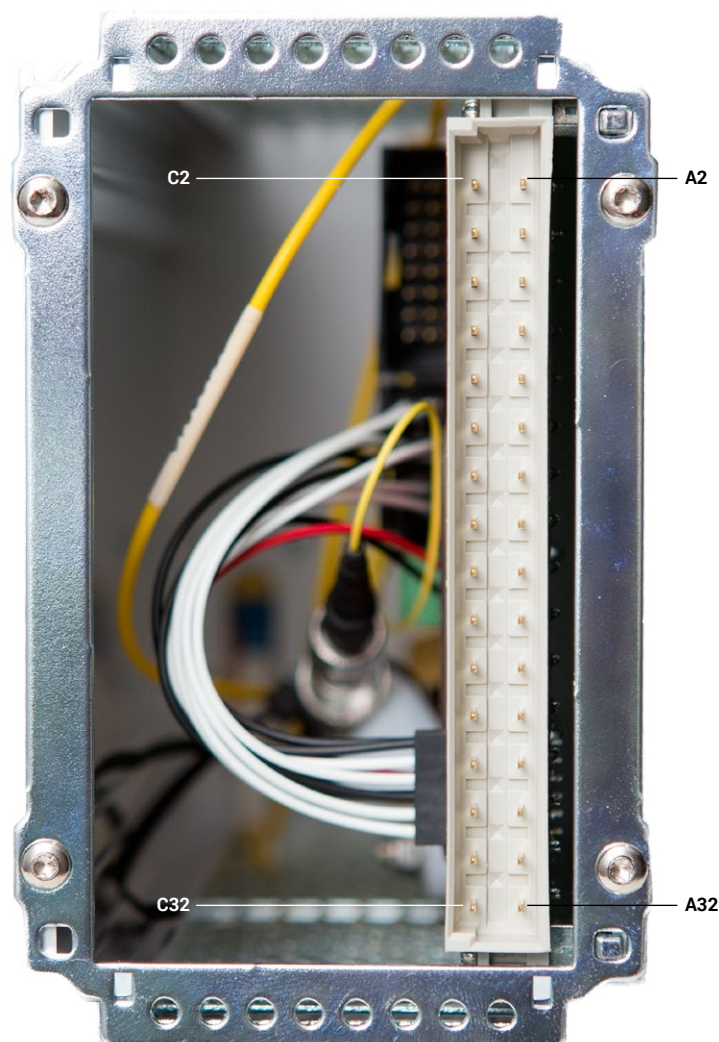
The TMS mux contains a Prizm Mini Mux 2 topside fibre card which work together with a Prizm Mini Mux 2 installed subsea inside the TMS.

The fibre transceivers transmit output power is typically -1dBm and receivers sensitivity is -30 to -6dBm. Hence minimum fibre line attenuation must be approx. 5dB. If necessary, attenuators have to be installed.

BACKPLANE CON

EURO-C 32P AC16 ST

PIN	A	C
2	0V (12V GND)	
4	12VDC	
6		
8	SDA	SCL
10	DATA -	DATA +
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 -



KYSTDESIGN AS

Strandgaten 202 - 5525 Hagesund, Norway
post@kystdesign.no - Phone: +47 52.70 62 50

www.kystdesign.no

