

X.21 to EIA-530 Interface Converter Cable

This cable is suitable for use with clocks received by the FarSync card (external clocking mode) if the DCE supplies TX and RX clocks (Transmit and Receive Signal Element Timing) with identical frequency and phase.

The DCE must be configured for internal clocking.

Connections

EIA-530 Signal	DB25 Pin	DB15 Skt	X.21 Signal	Signal Pair
TD (A)	2	2	TXa	Pair
TD (B)	14	9	TXb	
TSETC (A)	15	6	Sa	Pair
TSETC (B)	12	13	Sb	
RD (A)	3	4	RXa	Pair
RD (B)	16	11	RXb	
CTS (A)	5	5	Ia	Pair
CTS (B)	13	12	Ib	
RTS (A)	4	3	Ca	Pair
RTS (B)	19	10	Cb	
GND	7	8	GND	
SHIELD	1	1	SHIELD	

Construction

Cable containing five twisted pairs with a nominal 100-120 ohms Zo (characteristic impedance) connecting a DB15 socket to a DB25 plug.

The additional GND connection is optional and would require an additional conductor.

The SHIELD connection should be included, requiring the use of shielded cable.