X21-449-INT Interface Converter Cable – Product Code FS6093

The X21-449-INT cable is for use in applications where the FarSync Card is supplying the clocking (internal clocking mode).

The DB37F presents a DCE configured interface for direct attachment to a DTE.

Connections

EIA-449 Signal Name	EIA-449 Symbol	DB37F (Socket)	DB15F (Socket)	X.21 Symbol	Signal Pair
Send Data (A)	SD-	4	2	Ta	Pair
Send Data (B)	SD+	22	9	Tb	
Send & Receive Timing (A)	ST-, RT-	5 and 8	6	Sa	Pair
Send & Receive Timing (B)	ST+, RT+	23 and 26	13	Sb	
Receive Data (A)	RD-	6	4	Ra	Pair
Receive Data (B)	RD+	24	11	Rb	
Clear To Send (A)	CS-	9	5	Ia	Pair
Clear To Send (B)	CS+	27	12	Ib	
Request To Send (A)	RS-	7	3	Ca	Pair
Request To Send (B)	RS+	25	10	Cb	
GND	SG	19	8	GND	
SHIELD	SHIELD	1	1	SHIELD	

Construction

Cable containing five twisted pairs with a nominal 100-120 ohms Zo (characteristic impedance) connecting a DB15F (socket) to a DB37F (socket).
The additional GND connection is optional and would require an additional conductor.
The SHIELD connection should be included, requiring the use of shielded cable.