

GCR1-DTE R00 (EIA-530 / V.24 Adapter) Cable – Product Code FS6006**For use with the FarLinX Mini Gateway**

The label on the cable must read: **GCR1-DTE R00**

The cable assembly shall be constructed with both ends of the cable terminated with a 25-Way D-Sub plug. The cable should contain shields of both foil and braid, the connector plug must also be shielded.

The GCR1 cable is used to present a DTE configured interface to the FarLinX Mini Gateway for standard EIA-530 and RS232C connections.

The overall length of the cable assembly (DB25 to DB25) shall be 1.5 metres +/- 0.05m.

This cable can be used in both EIA-530 (RS422 signals) and V.24 (RS232C) interface modes.

Twisted pairs must be maintained in all cables for signal integrity.

The connections required are defined in the table below:

Interface Signal Name	DB25 Pin connector - male	DB25 Pin connector - male	Wire Pair	EIA-530 (RS422 Signal levels)	Signals used in V.24 (RS232C)
SHIELD	1	1		SHIELD	Chassis Ground
TxDa	2	3	Pair	RD (A)	RxD
TxDb	14	16		RD (B)	
RxDa	3	2	Pair	SD (A)	TxD
RxDb	16	14		SD (B)	
TxCa	15	15	Pair	ST (A)	TxCLK
TxCb	12	12		ST (B)	
RxCa	17	24	Pair	TT (A)	Ext CLK
RxCb	9	11		TT (B)	
TTa	24	17	Pair	RT (A)	RxCLK
TTb	11	9		RT (B)	
CTSa	5	4	Pair	RTS (A)	RTS
CTSb	13	19		RTS (B)	
RTSa	4	5	Pair	CTS (A)	CTS
RTSb	19	13		CTS (B)	
DTRa	20	8	Pair	DCD(A)	DCD
DTRb	23	10		DCD(B)	
DCDa	8	20	Pair	DTR(A)	DTR
DCDb	10	23		DTR(B)	
GND	7	7		GND	GND