

**GCX1-DTE R00 (X.21 Adapter) Cable – Product Code FS6007****For use with the FarLinX Mini Gateway**

The label on the cable must read: **GCX1-DTE R00**

The cable assembly shall be constructed with one end of a cable terminated in a 25-Way D-Sub plug and the other end terminated in a 15-Way D-Sub plug. The cable should contain shields of both foil and braid, the connector plug must also be shielded.

The GCX1 cable is used to present a DTE configured interface to the FarLinX Mini Gateway for standard X.21 connections.

The overall length of the cable assembly (DB25 to DB15) shall be 1.5 metres +/- 0.05m.

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	DB15 Pin connector - male	Wire Pair	X.21 (V.11 Signal levels)
SHIELD	1	1		SHIELD
TxDa	2	4	Pair	R (A)
TxDb	14	11		R (B)
RxDa	3	2	Pair	T (A)
RxDb	16	9		T (B)
RTSa	4	5	Pair	I (A)
RTSb	19	12		I (B)
CTSa	5	3	Pair	C (A)
CTSb	13	10		C (B)
GND	7	8		GND
TxCa	15	6	Pair	S (A)
TxCb	12	13		S (B)