

GCX1-DCE R00 (X.21 Adapter) Cable – Product Code FS6002

For use with the FarLinX Mini Gateway

The label on the cable must read: **GCX1-DCE 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 socket. The cable should contain shields of both foil and braid, the connector plug must also be shielded.

The GCX1-DCE cable is used to present a DCE 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 - female | Wire Pair | X.21 (V.11 Signal levels) |
|-----------------------|---------------------------|-----------------------------|-----------|---------------------------|
| SHIELD | 1 | 1 | | SHIELD |
| TxDa | 2 | 2 | Pair | T (A) |
| TxDb | 14 | 9 | | T (B) |
| RxDa | 3 | 4 | Pair | R (A) |
| RxDb | 16 | 11 | | R (B) |
| RTSa | 4 | 3 | Pair | C (A) |
| RTSb | 19 | 10 | | C (B) |
| CTSa | 5 | 5 | Pair | I (A) |
| CTSb | 13 | 12 | | I (B) |
| GND | 7 | 8 | | GND |
| TxCa | 15 | 6 | Pair | S (A) |
| TxCb | 12 | 13 | | S (B) |