

**GCV1-DTE R00 (V.35 Adapter) Cable – Product Code FS6008****For use with the FarLinX Mini Gateway**

The label on the cable must read: **GCV1-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 34-Way MRAC-34 plug. The cable should contain shields of both foil and braid, the connector plug must also be shielded.

The GCV1 cable is used to present a DTE configured interface to the FarLinX Mini Gateway for standard V.35 connections.

The overall length of the cable assembly (DB25 to MRAC-34) 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	MRAC-34 Pin connector - male	Wire Pair	V.35 (V.35/V.28 Signal levels)	Common alternate names for the signals*
SHIELD	1	A		FG	Chassis Ground
TxDa	2	R	Pair	RD (A)	RxD+
TxDb	14	T		RD (B)	RxD-
RxDa	3	P	Pair	SD (A)	TxD+
RxDb	16	S		SD (B)	TxD-
TxCa	15	Y	Pair	SCT (A)	TxC+
TxCb	12	AA		SCT (B)	TxC-
RxCa	17	U	Pair	SCTE (A)	TxCE+
RxCb	9	W		SCTE (B)	TxCE-
TTa	24	V	Pair	SCR (A)	RxC+
TTb	11	X		SCR (B)	RxC-
CTS	5	C		RTS	RTS
RTS	4	D		CTS	CTS
DTR	20	F		RLSD	DCD
DCD	8	H		DTR	DTR
GND	7	B		SG	GND

\* Note: The common alternate names for balanced signals shows signals labelled with names ending in + and -. The network standards have been interpreted by some manufactures as A meaning – and B meaning + and by some others as A meaning + and B meaning -, a cause for confusion! The common alternate names we show in the common alternate name column is the labelling used by many major manufacturers including Cisco. Please check with the supplier of your other equipment if you are in doubt over which labelling scheme they are using.