

KCR1-DCE R00 (EIA-530 / V.24 Adapter) Cable – Product Code FS6070

For compatibility with the different FarSite adapter models check the [FarSite Network Connection Cables - Compatibility Matrix](#)

The label on the cable must read: **KCR1-DCE R00**

The cable assembly shall be constructed with one end of a cable terminated in a high density ('density-and-a-half') 26-Way HD-Type plug (3 rows of pins) and the other end terminated in a 25-Way D-Sub plug. The Cable should contain shields of both foil and braid, the connector plug must also be shielded.

The HD26 connector connects to the FarSync adapter the DB25 presents the standard EIA-530 and RS232C connection.

The overall length of the cable assembly (HD26 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	Signals used in V.24 (RS232C)	Common alternate names for the signals*	EIA-530 (RS422 signal levels)	HD26 Pin connector - male	DB25 Pin connector - female	EIA-530 (RS422 signal levels)	Signals used in V.24 (RS232C)	Wire Pair
TXa	TxD	TxD+	TD (A)	2	3	RD (A)	RxD	Pair
TXb		TxD-	TD (B)	11	16	RD (B)		
STa	TxCLK	TxCLK+	TSETC (A)	3	17	RSETC (A)	RxCLK	Pair
STb		TxCLK-	TSETC (B)	12	9	RSETC (B)		
RXa	RxD	RxD+	RD (A)	4	2	TD (A)	TxD	Pair
RXb		RxD-	RD (B)	13	14	TD (B)		
RTa	RxCLK	RxCLK+	RSETC (A)	8	15	TSETC (A)	TxCLK	Pair
RTb		RxCLK-	RSETC (B)	17	12	TSETC (B)		
CTSa	CTS	CTS+	CTS (A)	6	4	RTS (A)	RTS	Pair
CTsb		CTS-	CTS (B)	15	19	RTS (B)		
RTSa	RTS	RTS+	RTS (A)	5	5	CTS (A)	CTS	Pair
RTSb		RTS-	RTS (B)	14	13	CTS (B)		
DTRa	DTR	DTR+	DTR(A)	25	6, 8	DCD (A), DSR (A)	DCD	Pair
DTRb		DTR-	DTR(B)	10	10, 22	DCD (B), DSR (B)		
DCDa	DCD	DCD+	DCD(A)	26	20	DTR(A)	DTR	Pair
DCDb		DCD-	DCD(B)	18	23	DTR(B)		
GND	GND	GND	GND	9	7	GND	GND	
SHIELD	Chassis Ground	Chassis Ground	SHIELD	1	1	SHIELD	Chassis Ground	

* 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.