

IOLAN Cable Specifications

The IOLAN TERMINAL SERVER has a DTE interface.

TERMINAL SERVER pin-outs

Pin	Description	Type
1	Frmgnd	Power
2	TX Data	Output
3	RX Data	Input
4	RTS	Output
5	CTS	Input
6	DSR	Input
7	SigGnd	Power
8	DCD	Input
20	DTR	Output

Min RS232 Terminal Cable-Software Flow Control

Server (DTE)	Terminal (DTE)
Tx 2 -----	3 Rx
Rx 3 -----	2 Tx
Gnd 7 -----	7 Gnd

Min RS232 Terminal Cable-Hardware Flow Control

Server (DTE)	Terminal (DTE)
Tx 2 -----	3 Rx
Rx 3 -----	2 Tx
RTS 4 -----	5 CTS
CTS 5 -----	20 DTR
Gnd 7 -----	7 Gnd

Full RS-232 Terminal Cable-Software or Hardware Flow Control

Server (DTE) Terminal (DTE)

Tx 2 -----	3 Rx
Rx 3 -----	2 Tx
RTS 4 -----	5 CTS
CTS 5 -----	20 DTR
DSR 6 -----	4 RTS
Gnd 7 -----	7 Gnd

Modem Cable

A standard straight through cable can be used for modems. (Pins 1-8 and 20, must be connected straight through).

Server (DTE) Modem (DCE)

FrmGnd 1	-----	1	FrmGnd
Tx 2	-----	2	Tx
Rx 3	-----	3	Rx
RTS 4	-----	4	RTS
CTS 5	-----	5	CTS
DSR 6	-----	6	DSR
SigGnd 7	-----	7	SigGnd
DCD 8	-----	8	DCD
DTR 20	-----	20	DTR