CTP2000 FXS and FXO Interface Module Cables and Pinouts
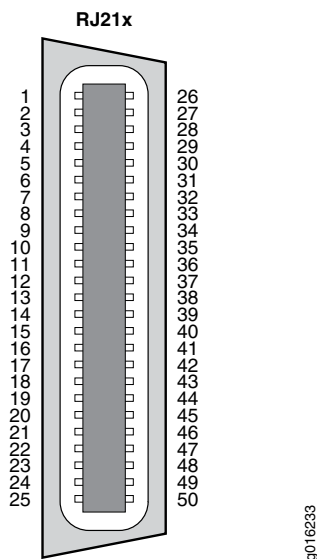
Required Cables

The CTP2000 2W-FXS and 2W-FX0 interface modules require the use of double-shielded cables (copper braid plus aluminum mylar foil) to ensure EMI Compliance.

RTM Pinout Locations

Figure 1 shows the pinout locations for both the CTP2000 2W-FXS and 2W-FXO interface modules.

Figure 1: RTM Pinouts for CTP2000 2W-FXS and 2W-FXO Interface Modules

FXS Connector Pinouts

The RTM for the CTP2000 2W-FXS interface module uses a RJ-21 25-pair Telco connector labeled *A*. The A connector has 24 FXS ports.

FXS R is connected to FXO T; FXS T is connected to FXO T.

Table 1 lists the RTM pinouts for the FXS module.

Table 1: CTP2000 FXS Connector Pinouts on the RTM

Pin	Signal	Signal	Pin
1	Port 0 R	Port 0 T	26
2	Port 1 R	Port 1 T	27
3	Port 2 R	Port 2 T	28
4	Port 3 R	Port 3 T	29
5	Port 4 R	Port 4 T	30
6	Port 5 R	Port 5 T	31
7	Port 6 R	Port 6 T	32
8	Port 7 R	Port 7 T	33
9	Port 8 R	Port 8 T	34
10	Port 9 R	Port 9 T	35
11	Port 10 R	Port 10 T	36
12	Port 11 R	Port 11 T	37
13	Port 12 R	Port 12 T	38
14	Port 13 R	Port 13 T	39
15	Port 14 R	Port 14 T	40
16	Port 15 R	Port 15 T	41
17	Port 16 R	Port 16 T	42
18	Port 17 R	Port 17 T	43
19	Port 18 R	Port 18 T	44
20	Port 19 R	Port 19 T	45
21	Port 20 R	Port 20 T	46
22	Port 21 R	Port 21 T	47
23	Port 22 R	Port 22 T	48
24	Port 23 R	Port 23 T	49

FXO Connector Pinouts

The RTM for the CTP2000 2W-FXO interface module uses a RJ-21 25-pair Telco connector labeled *A*. The A connector has 24 FXS ports.

FXO T is connected to FXS R; FXO T is connected to FXS T.

Table 2 lists the RTM pinouts for the FXO module.

Table 2: CTP2000 FXO Connector Pinouts on the RTM

Pin	Signal	Signal	Pin
1	Port 0 T	Port 0 R	26
3	Port 1 T	Port 1 R	28
5	Port 2 T	Port 2 R	30
7	Port 3 T	Port 3 R	32
9	Port 4 T	Port 4 R	34
11	Port 5 T	Port 5 R	36
13	Port 6 T	Port 6 R	38
15	Port 7 T	Port 7 R	40
17	Port 8 T	Port 8 R	42
19	Port 9 T	Port 9 R	44
21	Port 10 T	Port 10 R	46
23	Port 11 T	Port 11 R	48

Related Topics
- CTP2000 2W-FXS and 2W-FXO Interface Modules
- CTP2000 4W-EM Interface Connector Pinouts
- CTP2000 Series Console Cable Pinouts
- CTP Fast Ethernet and Power Cables

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