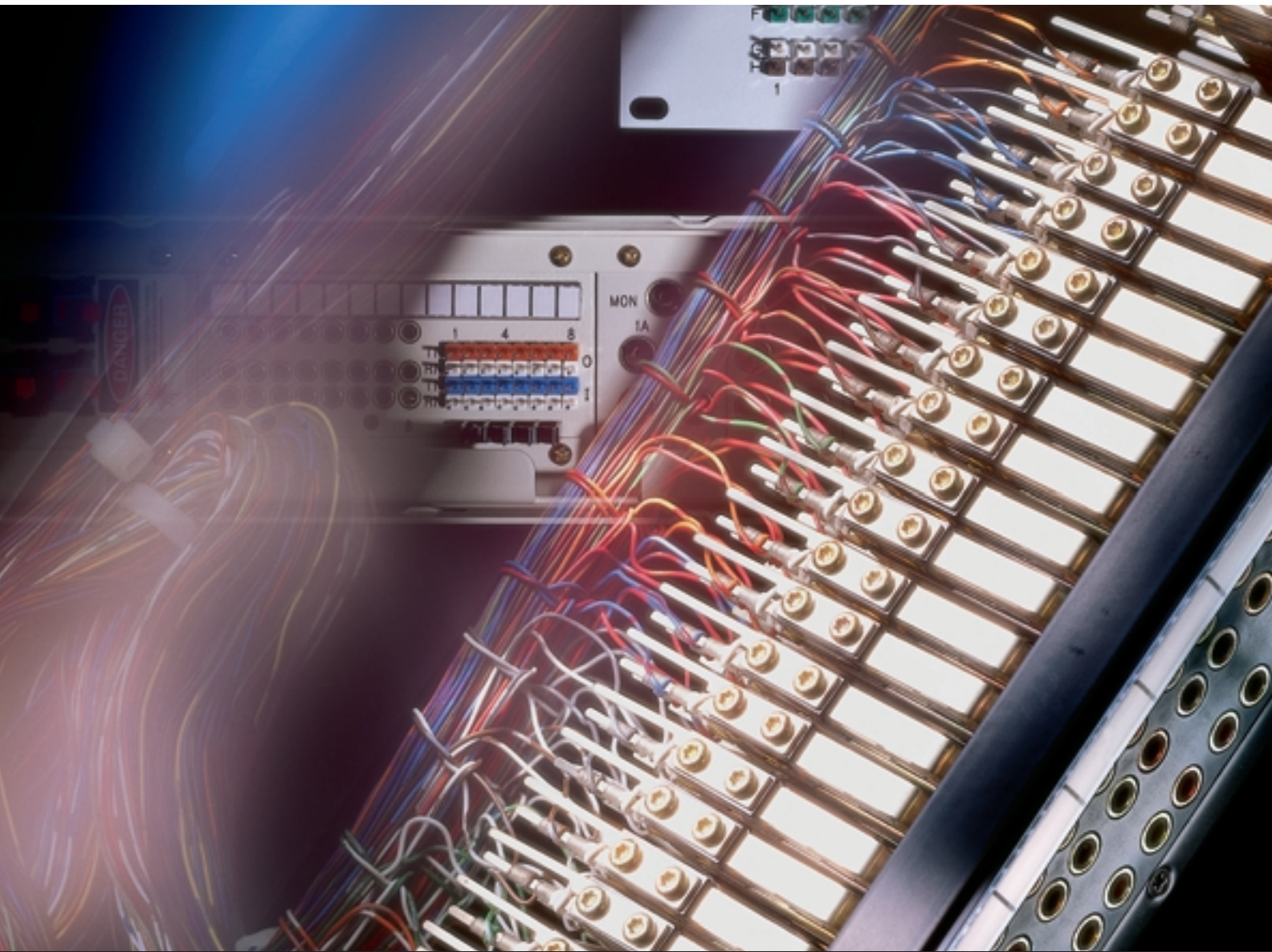




Termination/Wired Access Products



Modular Patch Panels

Features and Benefits

- Provides connectivity to virtually any type of equipment using unshielded twisted pair (UTP)
 - LAN workstations
 - Wiring hubs
 - Trunk lines
 - Printers
 - Fax machines
 - Concentrators
 - Servers
 - T1 lines
 - Voice circuits
- Tested for reliable, digital operation of up to 10 Mbps
- Can be used effectively for 10 Mbps Ethernet, 10BaseT, token ring at 4 Mbps, T1 or ISDN applications
- 50-pin connectors or wire-wrap terminals located on rear of panel for equipment termination
- Installed in wiring closet in rack or on a wall (with optional bracket kit); or can be placed in an enclosed cabinet rack in end user work area

Specifications are found on page 58.



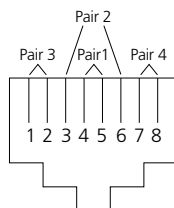
MPP-N28BA1 (front)



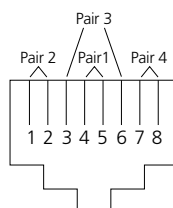
MPP-N28BA1 (rear)



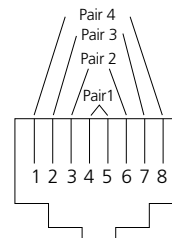
MPP-CXFBA1 (front)



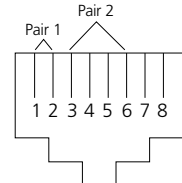
TIA 568 A



TIA 568 B



USOC



10 Base T
(4 Wire)

MPP panels can be ordered in several wiring schemes. The TIA-568A and TIA 568B wiring schemes are those recommended by the TIA Commercial Building and Wiring Standards Committee.



Modular Patch Panels

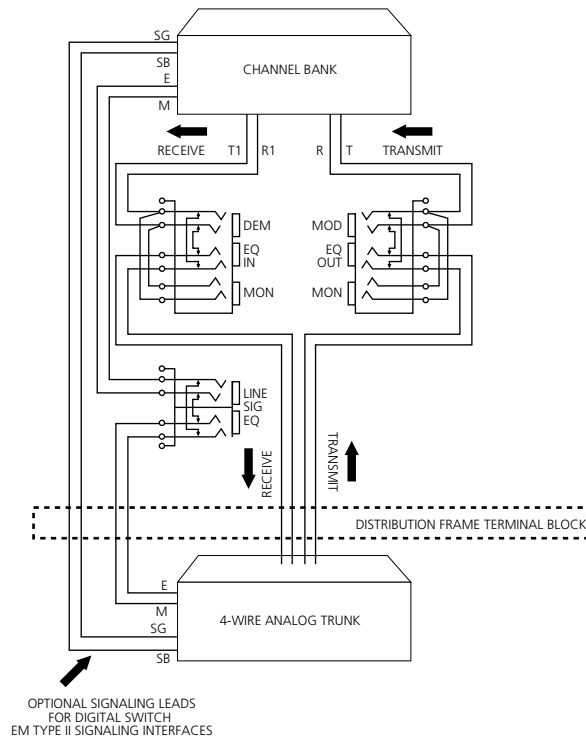
Ordering Information

Description	Dimensions (Height x Width x Depth)	Catalog Number
Demarcation Panels Support up to 10 Mbps (Category 3) 4-wire 28 position, straight through wiring RJ48X jacks and monitor jacks on front; 64-pin receptacle connectors and wire-wrap on rear RJ48X jacks on front; wire-wrap on rear RJ48C jacks on front; wire-wrap on rear 8-wire Straight through wiring 32 position; RJ45 jacks on front; 50-pin receptacle on rear 24 position; RJ48 jacks on front; two 50-pin receptacles on rear; rack mountable Wall Mount Panels Total front access 4-wire Straight through wiring IN/OUT cabling: wire-wrap 14 position; RJ48C 8 position; RJ48C 5 position; RJ48C	 3.5" x 19" or 23" x 5.95" (8.89 x 48.26 or 58.42 x 15.11 cm) 1.75" x 19" or 23" x 2.94" (4.45 x 48.26 or 58.42 x 7.47 cm) 1.75" x 19" or 23" x 2.94" (4.45 x 48.26 or 58.42 x 7.47 cm) 3.5" x 19" x 3.55" (8.89 x 48.26 x 9.02 cm) 3.5" x 19" x 3.55" (8.89 x 48.26 x 9.02 cm) 3.5" x 18.5" x 3.55" (8.89 x 46.99 x 9.02 cm) 3.5" x 14" x 3.5" (8.89 x 35.56 x 8.89 cm) 3.5" x 9.88" x 3.5" (8.89 x 25.10 x 8.89 cm)	 MPP-N28BA1 MPP-GDXBA1 MPP-GDXBA2 MPP-CXZXB2A MPP-CXFBA1 MPP-CXZXF4 MPP-CXZXF3 MPP-CXZXF2

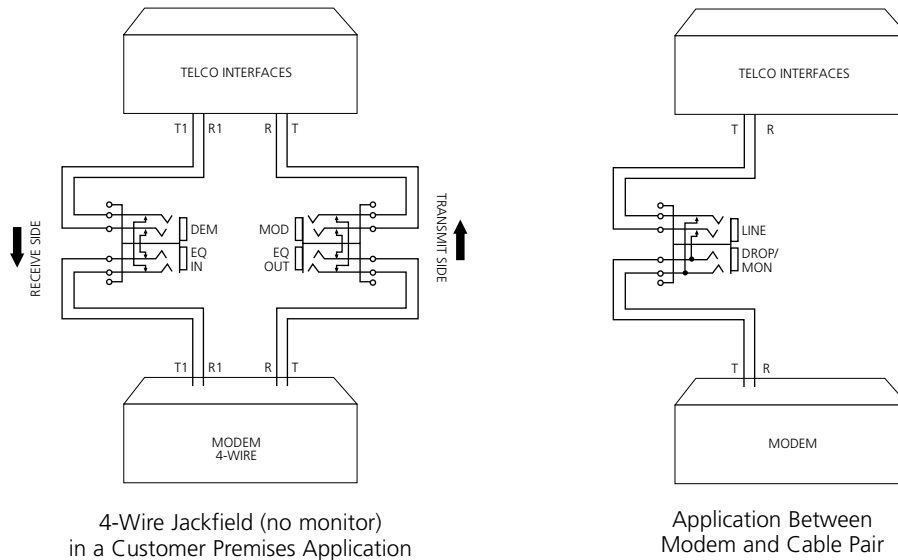
Wired Assemblies

Applications

In the central office, wired assembly jackfields, inserted into VF circuits between different office equipment, provide jack access for testing and rerouting (patching) circuits.



4- and 6-Wire Jackfield in a Telco Application





Wired Assemblies

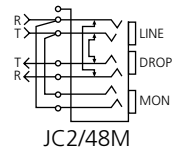
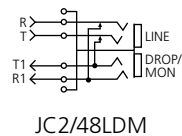
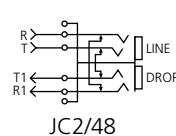
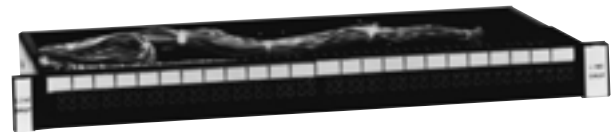
Bantam Connectorized Jackfields

2-Wire Jackfield

Features and Benefits

The JC2 Bantam jackfield provides forty-eight or ninety-six 2-wire circuits, including monitor jacks. Circuit connections are made through standard 50-pin connectors mounted on the rear of the chassis. Line connectors are receptacles, drops are plugs.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions

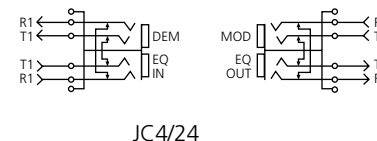
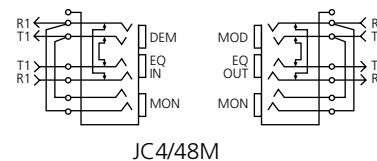


4-Wire Jackfield

Features and Benefits

The JC4 Bantam jackfield provides seventeen or twenty-four 4-wire circuits, including monitor jacks. Circuit connections are made through standard 50-pin connectors on the rear of the chassis. Equipment IN and MOD are receptacles; Equipment OUT and DEMOD are plugs.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions

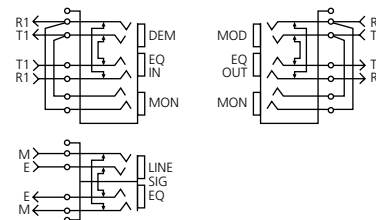
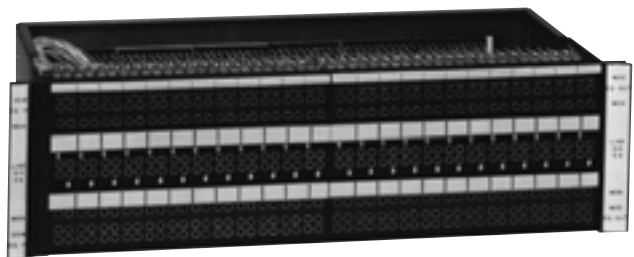


6-Wire Jackfield

Features and Benefits

The JC6 Bantam jackfield provides twelve, twenty four or forty-eight 6-wire circuits, consisting of DEM/MOD, EQ IN/ EQ OUT, MOD and Signal jacks. Circuit connections are made through standard 50-pin connectors on the rear of the chassis. Equipment IN and MOD are receptacles; Equipment OUT and DEMOD are plugs.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions





Wired Assemblies

Bantam Connectorized Jackfields

Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
2-Wire			
With primary Line/Drop or Signal E/M	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	48	JC2/48
With primary Line/Drop or Signal E/M plus a third row of monitor jacks	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	48	JC2/48M
With line and combination Drop/Monitor	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	48	JC2/48LDM
4-Wire			
With Voice Frequency jacks, DEM/MOD, EQ IN/EQ OUT	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	17	JC4/17
With Voice Frequency jacks, DEM/MOD, EQ IN/EQ OUT	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	24	JC4/24
With Voice Frequency jacks, DEM/MOD, EQ IN/EQ OUT, monitor jacks	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	24	JC4/24M
6-Wire			
With monitor and signal E/M jacks; signal jacks on right side of panel	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	12	JC6/12M
With -48V LED E/M indicators	3.5" x 19" x 8" (8.90 x 48.26 x 20.32 cm)	24	JC6/24-48LED/EM
With monitor and signal E/M jacks	5.25" x 19" x 8" (13.35 x 48.26 x 20.32 cm)	48	JC6/48M
With monitor and signal E/M jacks; signal E/M leads separated and brought out to separate connectors	5.25" x 19" x 8" (13.35 x 48.26 x 20.32 cm)	48	JC6/48SC

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Miscellaneous Bantam Jackfields

Features and Benefits

The JC-MSC jackfield provides access to an office milliwatt supply, amplifiers, 2-wire/4-wire term sets and portable test equipment. All connections are made via 50-pin connectors.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards preprinted



JC-MSC

Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
Miscellaneous Jackfield 2-wire; access to office milliwatt supply, amplifiers, 2-wire/4-wire term sets, portable test equipment	1.75" x 19" x 8" (4.45 x 48.26 x 20.32 cm)	96	JC-MSC

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Specialty Jackfields

QCP Jackfields

The QCP jackfield provides a means of accessing 2- and 4-wire circuits at a point that is nonconnectorized and in which stranded VF cable has been used. The QCP contacts on the rear of the jackfield utilize ADC's split cylinder, punch down insulation displacement contact. The split cylinder contacts accept 22, 24 and 26 AWG solid or stranded wire. These contacts provide the capability of quickly rewiring the jackfield for new circuits, or changing the circuits from 2-wire to 4-wire or from 4-wire back to 2-wire circuits. A special insertion tool is required for connecting the cable to the panel.

Ordering Information			
Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
QCP Jackfield 2-Wire or 4-Wire Line Drop/Monitor	3.5" x 19" x 8" (8.90 x 48.26 x 20.32 cm)	24 or 48	JQ2/48M - JQ4/24M
Accessories Impact tool with tip Spare tip Manual tool Tool holder			Q915 QB-2T Q115 Q150

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.

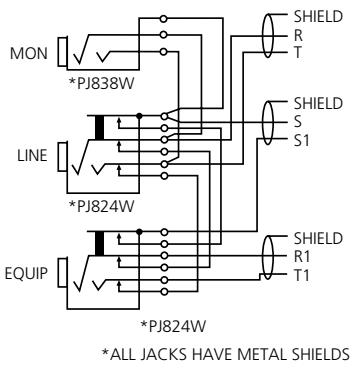


Wired Assemblies

Specialty Jackfields

Digital Jackfields

Digital Jackfields are specially shielded for security applications. They include designs for digital, audio and low-speed digital applications.



Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
Digital Jackfields 48 full duplex shielded circuits; metal covers top and bottom	3.5" x 19" x 16" (8.89 x 48.26 x 40.64 cm)	48	DJF48

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

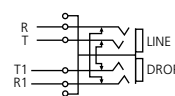
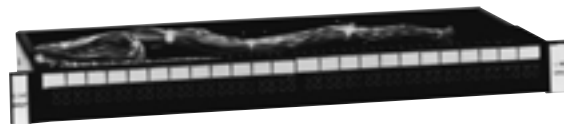
Bantam Prewired Jackfields

2-Wire Jackfield

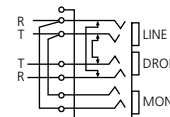
Features and Benefits

The JB2 Bantam jackfields provide forty-eight or ninety-six 2-wire circuits, including monitor jacks. Circuit connections are made by wiring the equipment to easy-access wire-wrap terminal blocks on the back of the jackfield.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions



JB2/48



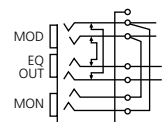
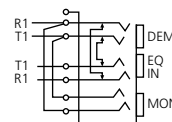
JB2/48M

4-Wire Jackfield

Features and Benefits

The JB4 Bantam jackfield provides twenty-four 4-wire circuits, including monitor jacks. Circuit connections are made by wiring the equipment to easy-access wire-wrap terminal blocks on the back of the jackfield.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions



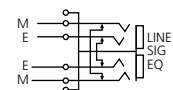
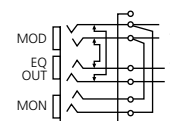
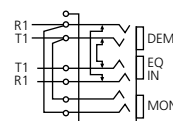
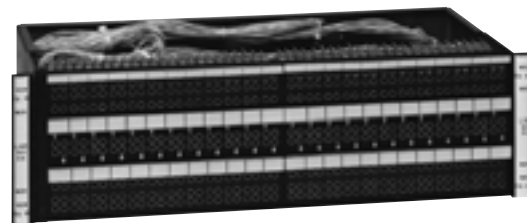
JB4/24M

6-Wire Jackfield

Features and Benefits

The JB6 Bantam jackfield provides twelve or forty-eight 6-wire circuits, consisting of DEM/MOD, EQ IN/ EQ OUT, MON and Signal jacks. Circuit connections are made by wiring the equipment to easy-access wire-wrap terminal blocks on the back of the jackfield.

- Front panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions



JB6/48M



Wired Assemblies

Bantam Prewired Jackfields

Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
2-Wire With primary Line/Drop or signal E/M	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	48	JB2/48
With primary Line/Drop or signal E/M plus a third row of monitor jacks	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	48	JB2/48M
With primary Line/Drop or signal E/M	3.50" x 19.0" x 8.0" (8.90 x 48.26 x 20.32 cm)	96	JB2/96
4-Wire With Voice Frequency jacks, DEM/MOD, EQ IN/EQ OUT	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	24	JB4/24
With Voice Frequency jacks, DEM/MOD, EQ IN/EQ OUT includes monitor jacks	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	24	JB4/24M
6-Wire With monitor and signal E/M jacks; signal jacks on right side of panel	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	12	JB6/12M
With monitor and signal E/M jacks	5.25" x 19.0" x 8.0" (13.35 x 48.26 x 20.32 cm)	48	JB6/48M

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Voice Frequency Jackfields

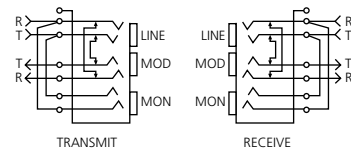
ADC VF jackfields support the network manager who needs to access, monitor, test and patch VF circuits. VF jackfields allow monitoring and testing of VF circuits, on either side of the line (telco or modem, transmit or receive), without circuit interruption. Circuit paths for both 2-wire and 4-wire lines can be changed with a single action. Built to exceed Bell System and MIL-J-641 Standards, ADC VF or Bantam jackfields have been tested to 50,000 operations. ADC VF jackfields save space, are easily installed and aid in VF line organization. Special plugs to split, open and terminate lines are available.

Modem Jackfield

Features and Benefits

ADC's modem jackfield provides complete access and patch facilities for twenty-four 4-wire or forty-eight 2-wire lines. LINE and MODEM jacks on the front allow patching of any line to any modem access for test equipment. Front panel MONITOR jack access provides a bridging connection across the line. All jacks are prewired to 50-pin connectors located at the rear of the panel. The jacks accept 3 conductor Bantam plugs (2 conductors plus braided shield).

- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Row functions are permanently marked for ease of operation
- Plexiglass dust cover provided
- FCC registered (Part 68)



DMMOJ-1

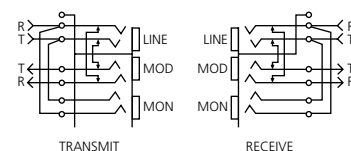
In-Line Jackfield

Features and Benefits

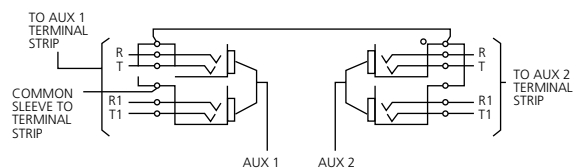
The in-line jackfield provides patching facilities for sixteen 4-wire lines or thirty-two 2-wire lines. Front panel LINE, MODEM and MONITOR jacks are aligned to correspond with ADC's PatchMate™ digital patching or ADC's PatchMate with switch product lines. When used with those products, the placement of the in-line jackfield directly above or beneath its respective digital port aids in the identification of affected lines to speed trouble shooting. LINE and MODEM jack access allows patching of any line to any modem or access for test equipment.

The MONITOR jack access provides a bridging connection across the line. All jacks are prewired to 50-pin connectors located at the rear of the panel.

- FCC registered (Part 68)



PMAJ-1



Schematic typical of 16 4-wire transmit and receive circuits or 2 circuits shown for 2-wire



Wired Assemblies

Voice Frequency Jackfields

9/00 • 187 Termination/Wired Access Products

Ordering Information

Description	Catalog Number
Modem jackfield In-Line jackfield	DMMOJ-1 PMAJ-1

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Telephone Line Isolation Panel

The Telephone Line Isolation Panel provides a safe and easy means of accessing phone lines for testing at power substations.

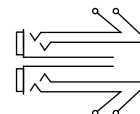
The PI-250 panel and associated plugs are specially designed to provide protection up to 20,000 volts between the line side and the equipment side as well as between the adjacent circuits within the panel. The panels are available in several versions. The three types of available plugs, Looping Plugs, Shorting Plugs and Reverse Polarity Plugs, have color-coded handles for easy identification.

The panel is usually located at or near the demarcation between the telephone company's in-plant or building wiring, usually at the point of entrance into the building. The panel allows line access for repair personnel while protecting them from high voltages on the lines during electrical storms and power failures.

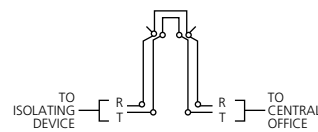
One side of the panel is the telephone company side where telephone cables enter the power substations. The other side is the power company equipment side. To open the phone circuits for testing in either direction, you simply remove the plugs from the panel, opening the phone company lines from the power company equipment. Lines can be accessed in both directions through telephone type jacks, recessed within the molded panel in such a way as to make accidental contact with the jacks extremely difficult.

The isolation panel is completely enclosed in a transparent safety shield, making it virtually impossible for test personnel to come in contact with the active circuits. The specially designed ADC plugs are rated at 20,000 volts, well over the necessary protection level.

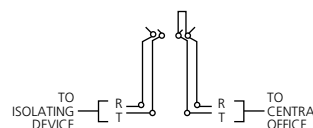
ADC's Telephone Line Isolation Panel also provides a less time-consuming, less costly and more efficient means of access. No more unwrapping circuits or breaking solder connections. All you do is remove a plug and your circuits are automatically disconnected for testing.



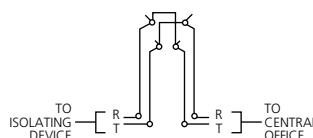
Telephone Isolation
Panel Jack Schematic



PJ40
Looping Plug



PJ41
Shorting Plug



PJ42
Reverse Polarity Plug



Wired Assemblies

Telephone Line Isolation Panel

Ordering Information		
Description	Dimensions (H x W x D)	Catalog Number
Panels with Wire-Wrap Terminations 5 lines	6.0" x 6.45" x 4.5" (15.24 x 16.38 x 11.43 cm)	PI-250-1
Panels with Screw Terminals 4 lines	6.0" x 5.21" x 4.5" (15.24 x 13.23 x 11.43 cm)	PI-250-8
5 lines	6.0" x 6.45" x 4.5" (15.24 x 16.38 x 11.43 cm)	PI-250-7
10 lines	6.0" x 12.7" x 4.5" (15.24 x 32.26 x 11.43 cm)	PI-250-9
Plugs Looping plug (white)		PJ40
Shorting plug (black)		PJ41
Reverse polarity plug (red)		PJ42

Height shown is the height of the panels with plug. Without the plugs, the height of panels with wire-wrap terminations is 5.19" (13.18 cm); the height of the panels with screw terminals is 5.4" (13.72 cm).



Wired Assemblies

Timing Jackfields

Timing jackfields provide 20 circuits for termination of a timing source generator. These panels provide patching and monitoring capabilities for T1 clock output. The panels' outputs are individually cabled to any piece of equipment requiring a T1 clock.



Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
Timing Jackfields Bantam timing jackfield; 2-wire digital jackfield; includes monitor jacks	3.5" x 19.0" x 8.0" (8.89 x 48.26 x 20.32 cm)	20	AUX-3A0001
Longframe timing jackfield; 2-wire digital jackfield; includes monitor jacks	4.0" x 19.0" x 8.0" (10.16 x 48.26 x 20.32 cm)	20	AUX-3A0002

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.

Wired Assemblies

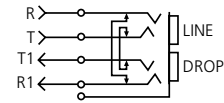
Longframe Connectorized Jackfields

2-Wire Jackfield

Features and Benefits

The JLC2/24 Longframe (310) jackfield provides twenty-four 2-wire circuits. Circuit connections are made through standard 50-pin connectors mounted on the rear of the chassis. Line connectors are receptacles, drops are plugs.

- Rear panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions



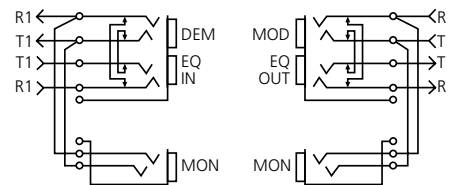
JLC2/24

4-Wire Jackfield

Features and Benefits

The JLC4/12M jackfield provides twelve 4-wire circuits, including monitor jacks. Circuit connections are made through standard 50-pin connectors on the rear of the chassis. Equipment IN and MOD are receptacles; Equipment OUT and DEMOD are plugs.

- Rear panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions



JLC4/12M

Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
2-Wire Line, drop circuits can be isolated for independent monitoring; jacks accept Longframe (310) three-conductor plugs Drop circuits can be isolated for independent monitoring; monitor jacks accept 310 type plugs	1.75" x 19.0" x 8.0" (4.45 x 48.26 x 20.32 cm)	24	JLC2/24
	2.63" x 19.0" x 8.0" (6.68 x 48.26 x 20.32 cm)	24	JLC2/24-310M
4-Wire Monitor jacks accept 309 type plugs	2.63" x 19.0" x 8.0" (6.68 x 48.26 x 20.32 cm)	12	JLC4/12M

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Longframe Prewired Jackfields

2-Wire Jackfield

Features and Benefits

The J2 Longframe (310) jackfields provide twenty-four 2-wire circuits, including monitor jacks. Circuit connections are made by wiring the equipment to easy-access wire-wrap terminals blocks on the back of the jackfield.

- Rear panel hinged for internal access
- Horizontal designation strips furnished with a white card and clear window for circuit identification
- Vertical designation cards printed with row functions

Ordering Information

Description	Dimensions (H x W x D)	# of Circuits	Catalog Number
2-Wire With Line, Drop and Monitor; monitor jacks accept 310 type plugs	2.63" x 19.0" x 8.0" (6.68 x 48.26 x 20.32 cm)	24	JL2/24-310M

For wired assemblies accessories such as patch cords, mounting hardware and plugs, see pages 38-52.



Wired Assemblies

Accessories

Replacement Designation Strip Cards and Windows

Ordering Information

TYPE	FIG	Hinge Side Vertical Card	Hinge Side Vertical Window	Lock Side Vertical Card	Lock Side Vertical Window	Horizontal (Above Jacks) Card	Horizontal (Above Jacks) Window
		DVHC-	DVHW-	DVLC-	DVLW-	DHC-	HDW-
01	1	-1200	-0010	-1740	-0010	-0020	-0010 (.44" wide)
02	2	-1440	-0010	-1400	-0010	-0020	-0010 (.44" wide)
03	3	-2020	-0010	-2390	-0010	-0040	-0040 (.225" wide)
04	4	-2030	-0030	-2400	-0020	-0020	-0010
05	5	-2140	-0010	-2680	-0010	-0020	-0010
06	6	-1130	-0010	-2380	-0010	-0040	-0040
08 thru 09	8 thru 9	-1370	-0040	-2190	-0030	-0040	-0040
						-0020	-0010

For Type and Figure references, please see pages 59-66.



Modular Patch Panel

Specifications

MATERIALS:

Split Cylinder & Split Cylinder:

Wire-wrap Tail:

Insulator:

Panels:

Connectors:

Chassis and Cover:

Panels:

Chassis and Cover:

Dust Covers:

Cable Locking or Tying Feature:

Tin plated high strength phosphor bronze

Flame retardant thermoplastic, oxygen index ≥ 28 , UL94-VO

Aluminum, powder painted white, 19" or 23" (48.26 or 58.42 cm)

50-, 64-, 36- and 24-pin connectors, male or female

Steel, powder painted

Aluminum, powder painted white, 19" or 23" (48.26 or 58.42 cm)

Steel, powder painted

Attached to each connector before shipment

Provided for each connector

ELECTRICAL

Crosstalk:

Speed

Frequency

Isolation

2 Mbps

1 MHz

<-65 dB

4 Mbps

2 MHz

<-60 dB

10 Mbps

5 MHz

<-50 dB

16 Mbps

8 MHz

<-45 dB

Insertion Loss:

≥ 0.05 dB at 10 MHz

Insulation Resistance:

100 Megohm minimum at 500 Vdc

PHYSICAL

Circuit:

(24) 2, 4, 6 or 8-wire circuits (24 port panels)

Connectors (rear):

Self-locking 50-pin

Size:

1.75" x 19"

Wiring Scheme:

USOC, TIA 568, TIA 568 B, (ATT 258 A), 10BaseT

Jack Contact Plating:

≥ 50 micro inches of gold. Meets or exceeds minimum requirements, FCC pt. 68.

Chassis and Cover:

Steel, powder painted

Panels:

Aluminum, powder painted white, 19" or 23" (48.26 or 58.42 cm)

Chassis and Cover:

Steel, powder painted

Dust Covers:

Attached to each connector before shipment

Cable Locking or Tying Feature:

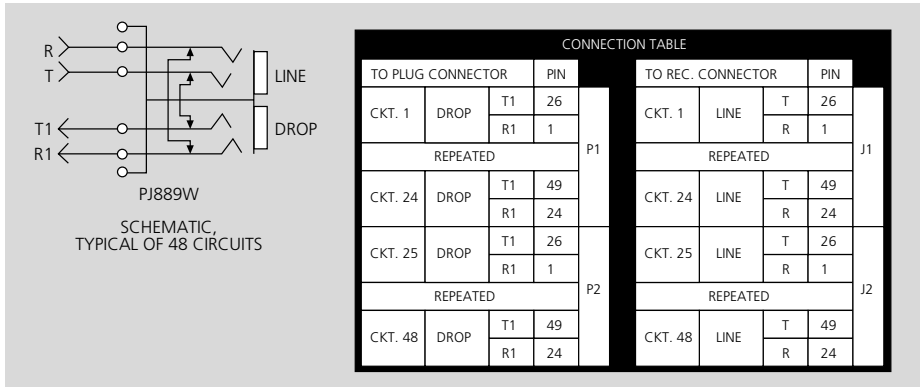
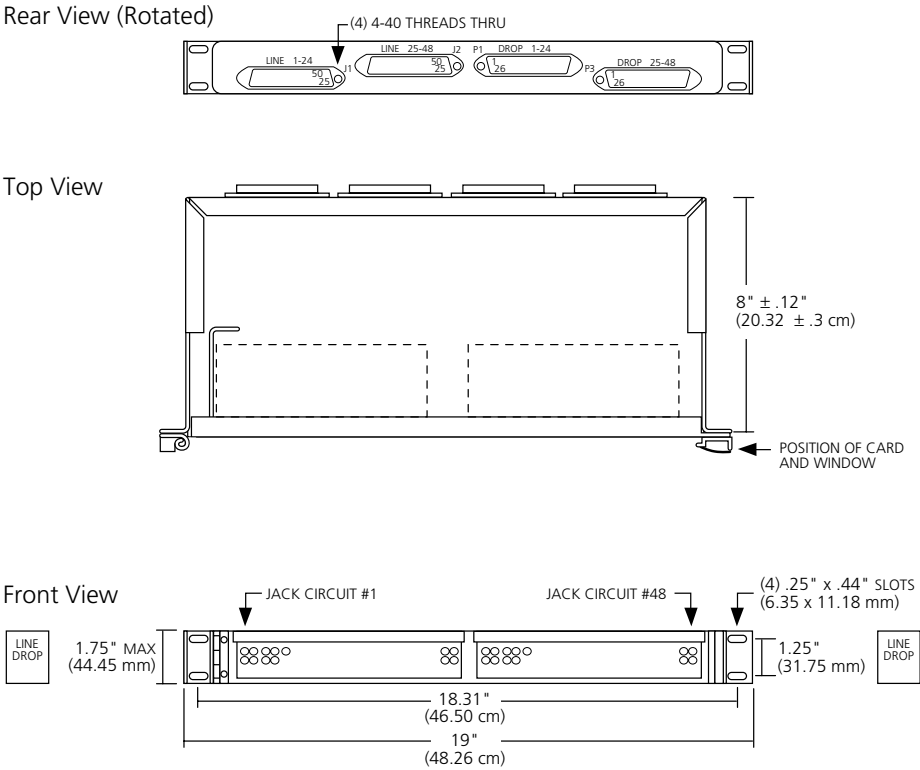
Provided for each connector



Wired Assemblies

Figure 1

Type 01 Jackfield (JC2/48)



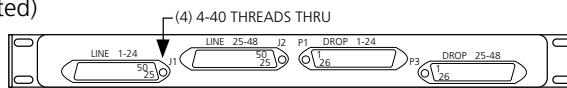


Wired Assemblies

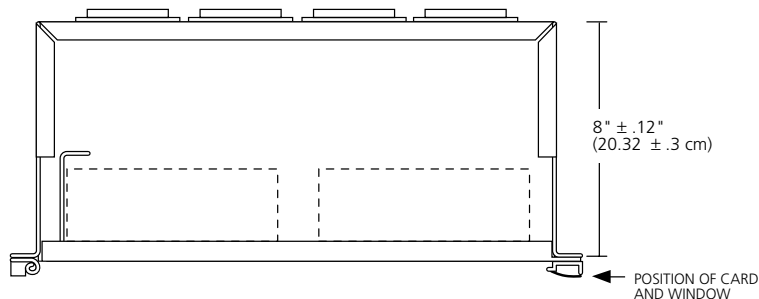
Figure 2

Type 02 Jackfield (JC2/48LDM)

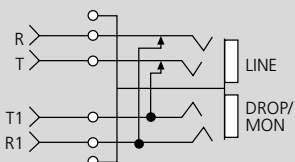
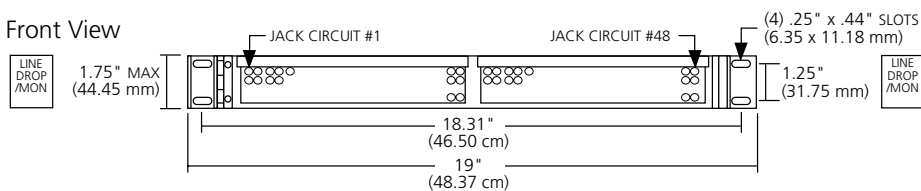
Rear View (Rotated)



Top View



Front View



PJ889W
SCHEMATIC,
TYPICAL OF 48 CIRCUITS

CONNECTION TABLE

TO PLUG CONNECTOR				PIN	TO REC. CONNECTOR				PIN
CKT. 1	DROP	T1	R1		CKT. 1	LINE	T	R	
				P1					J1
REPEATED				P2	REPEATED				J2
CKT. 24	DROP	T1	R1		CKT. 24	LINE	T	R	
				P2					J2
CKT. 25	DROP	T1	R1	P2	CKT. 25	LINE	T	R	
REPEATED				P2	REPEATED				J2
CKT. 48	DROP	T1	R1		CKT. 48	LINE	T	R	

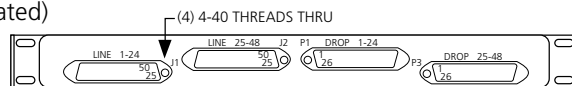


Wired Assemblies

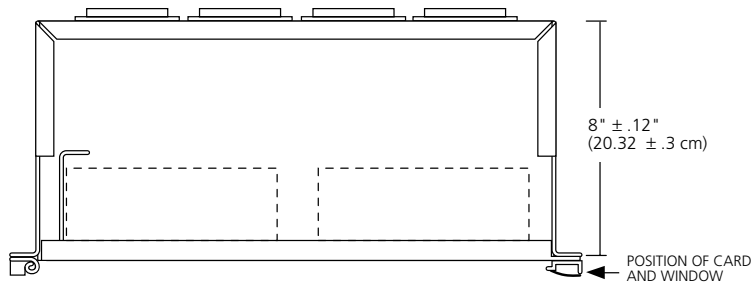
Figure 3

Type 03 Jackfield (JC2/48M)

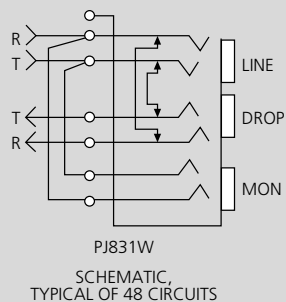
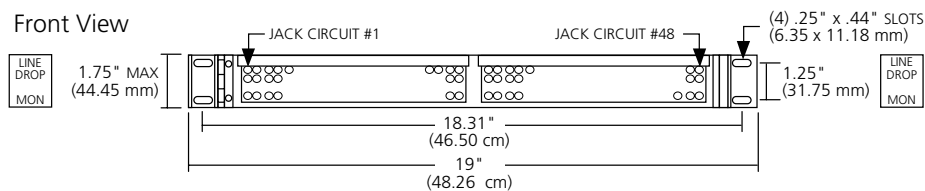
Rear View (Rotated)



Top View



Front View



CONNECTION TABLE									
TO PLUG CONNECTOR				PIN	TO REC. CONNECTOR				PIN
CKT. 1	DROP	T	26	P1	CKT. 1	LINE	T	26	J1
		R	1				R	1	
REPEATED					REPEATED				
CKT. 24	DROP	T	49		CKT. 24	LINE	T	49	
		R	24				R	24	
CKT. 25	DROP	T	26	CKT. 25	LINE	T	26		
		R	1			R	1		
REPEATED				REPEATED				J2	
CKT. 48	DROP	T	49	CKT. 48	LINE	T	49		
		R	24			R	24		

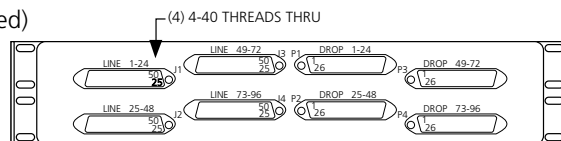


Wired Assemblies

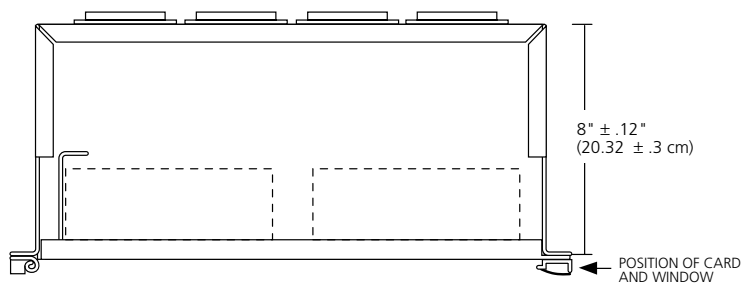
Figure 4

Type 04 Jackfield (JC2/96)

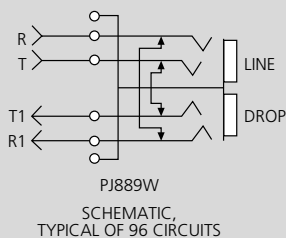
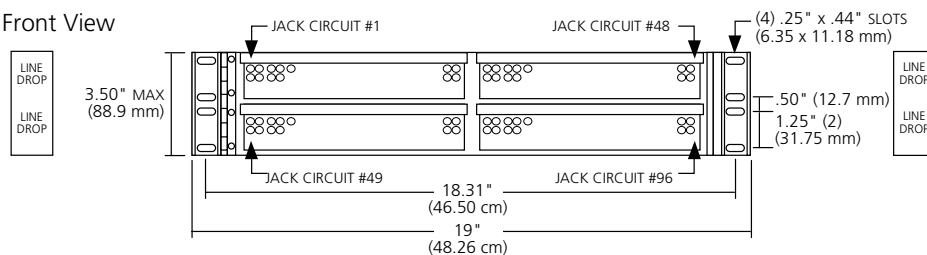
Rear View (Rotated)



Top View



Front View



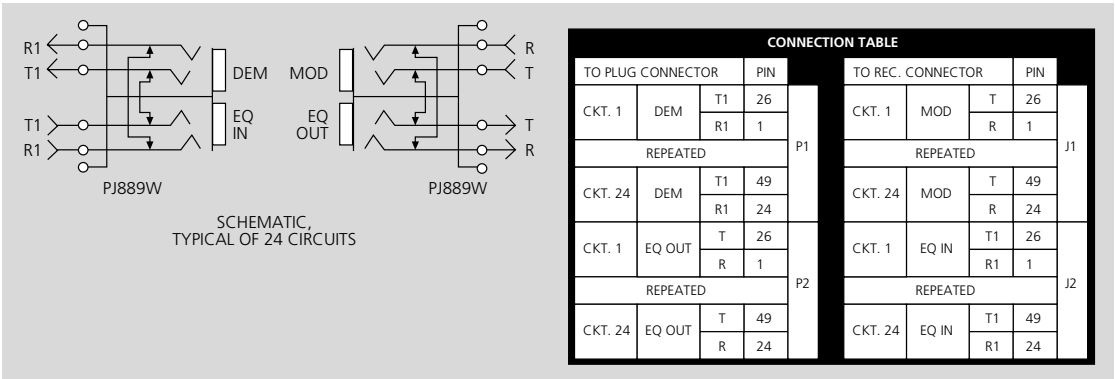
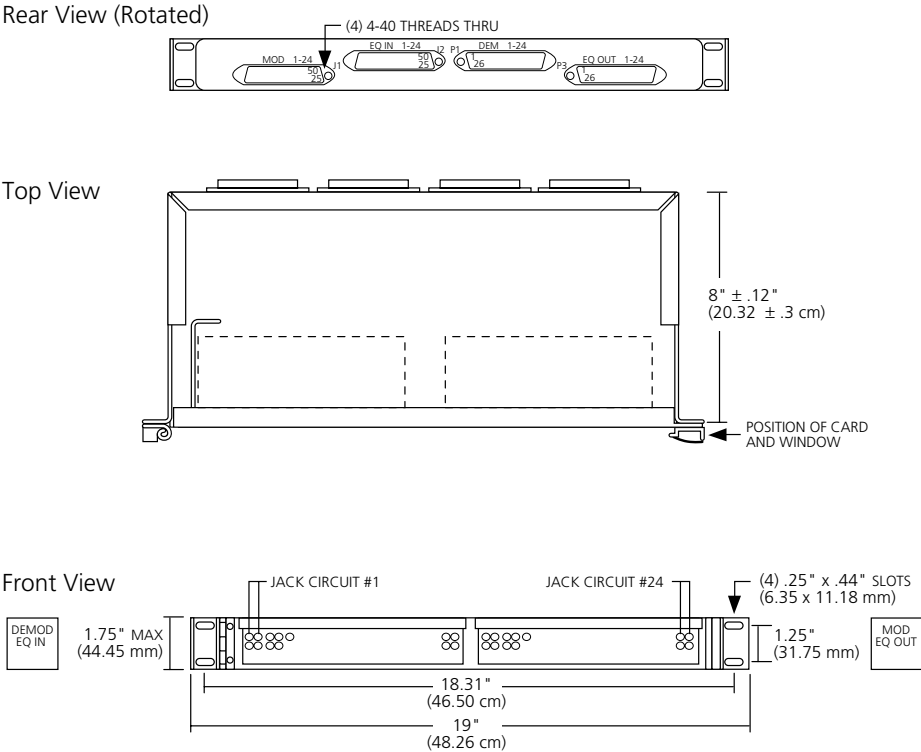
CONNECTION TABLE													
TO PLUG CONNECTOR				PIN		TO REC. CONNECTOR			PIN				
CKT. 1	DROP	T1	26	R1		1	CKT. 1	LINE	T		26	R	1
REPEATED				P1	REPEATED						J1		
CKT. 24	DROP	T1	49		R1	24	CKT. 24	LINE	T	49		R	24
CKT. 25	DROP	T1	26		R1	1	CKT. 25	LINE	T	26		R	1
REPEATED				P2	REPEATED						J2		
CKT. 48	DROP	T1	49		R1	24	CKT. 48	LINE	T	49		R	24
CKT. 49	DROP	T1	26		R1	1	CKT. 49	LINE	T	26		R	1
REPEATED				P3	REPEATED						J3		
CKT. 72	DROP	T1	49		R1	24	CKT. 72	LINE	T	49		R	24
CKT. 73	DROP	T1	26		R1	1	CKT. 73	LINE	T	26		R	1
REPEATED				P4	REPEATED						J4		
CKT. 96	DROP	T1	49		R1	24	CKT. 96	LINE	T	49		R	24



Wired Assemblies

Figure 5

Type 05 Jackfield (JC4/24)



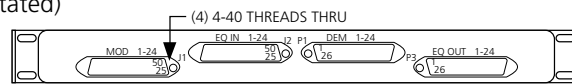


Wired Assemblies

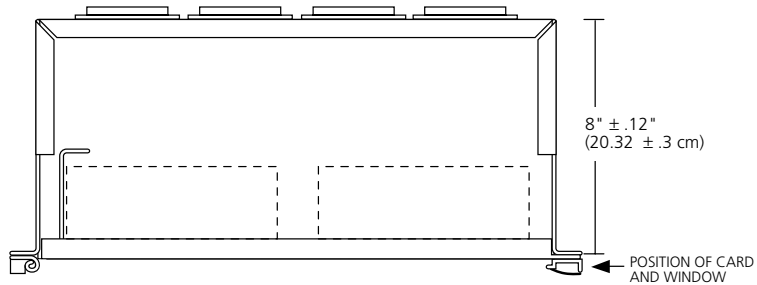
Figure 6

Type 06 Jackfield (JC4/24M)

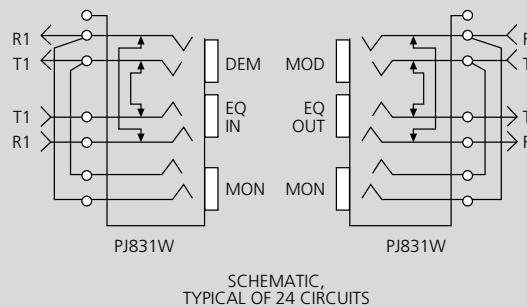
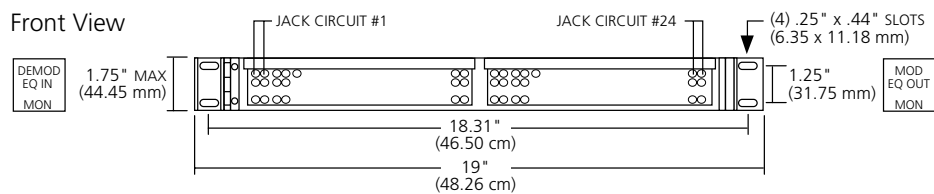
Rear View (Rotated)



Top View



Front View



CONNECTION TABLE									
TO PLUG CONNECTOR				PIN	TO REC. CONNECTOR				PIN
CKT. 1	DEM	T1	26	P1	CKT. 1	MOD	T	26	J1
		R1	1				R	1	
REPEATED				P1	REPEATED				J1
CKT. 24	DEM	T1	49		CKT. 24	MOD	T	49	
		R1	24	R			24		
CKT. 1	EQ OUT	T	26	P2	CKT. 1	EQ IN	T1	26	J2
		R	1				R1	1	
REPEATED				P2	REPEATED				J2
CKT. 24	EQ OUT	T	49		CKT. 24	EQ IN	T1	49	
		R	24	R1			24		

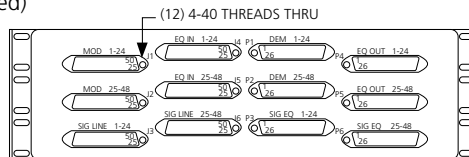


Wired Assemblies

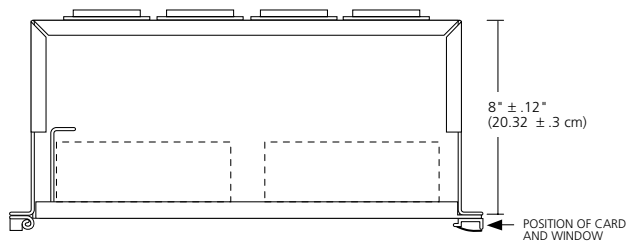
Figure 8

Type 08 Jackfield (JC6/48M)

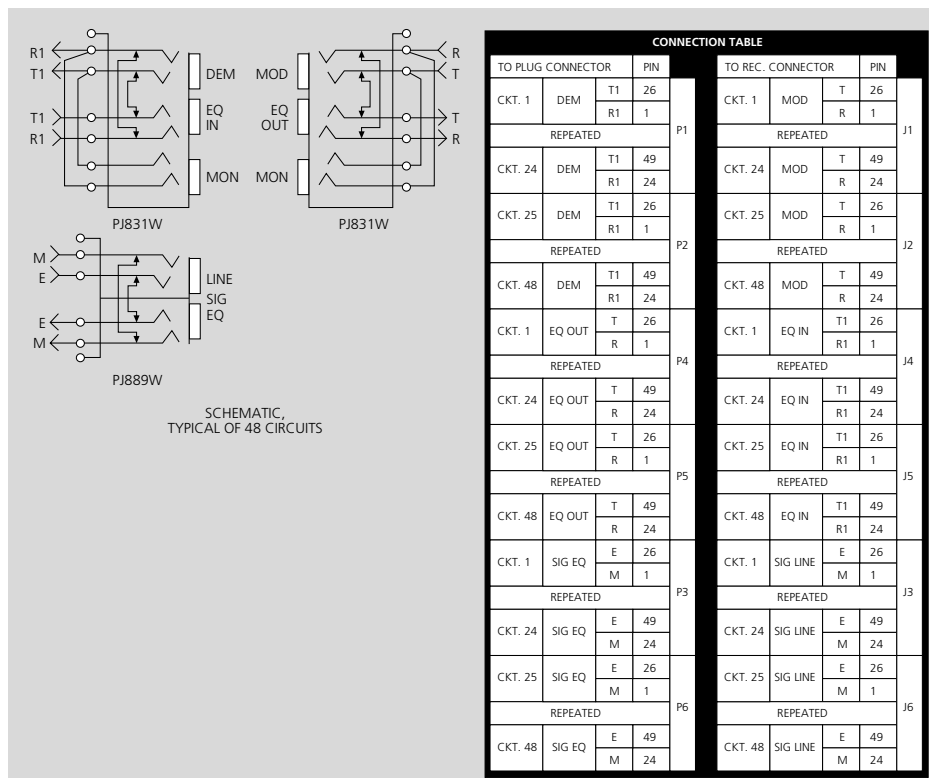
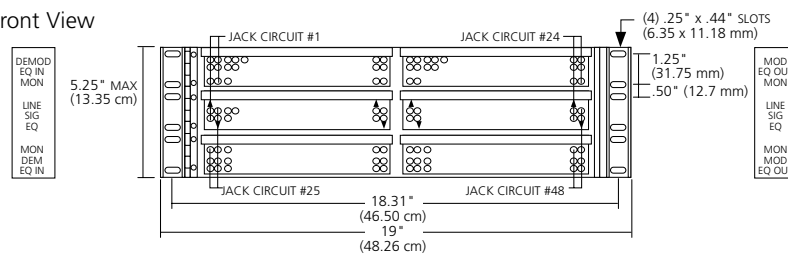
Rear View (Rotated)



Top View



Front View

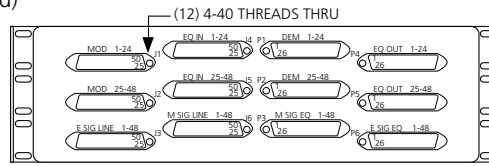


Wired Assemblies

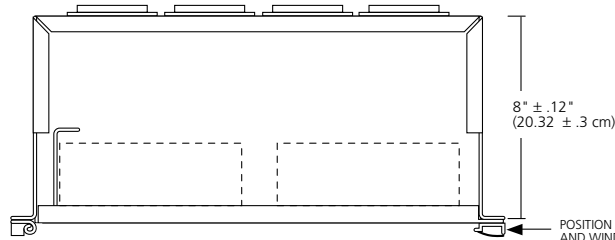
Figure 9

Type 09 Jackfield (JC6/48SC)

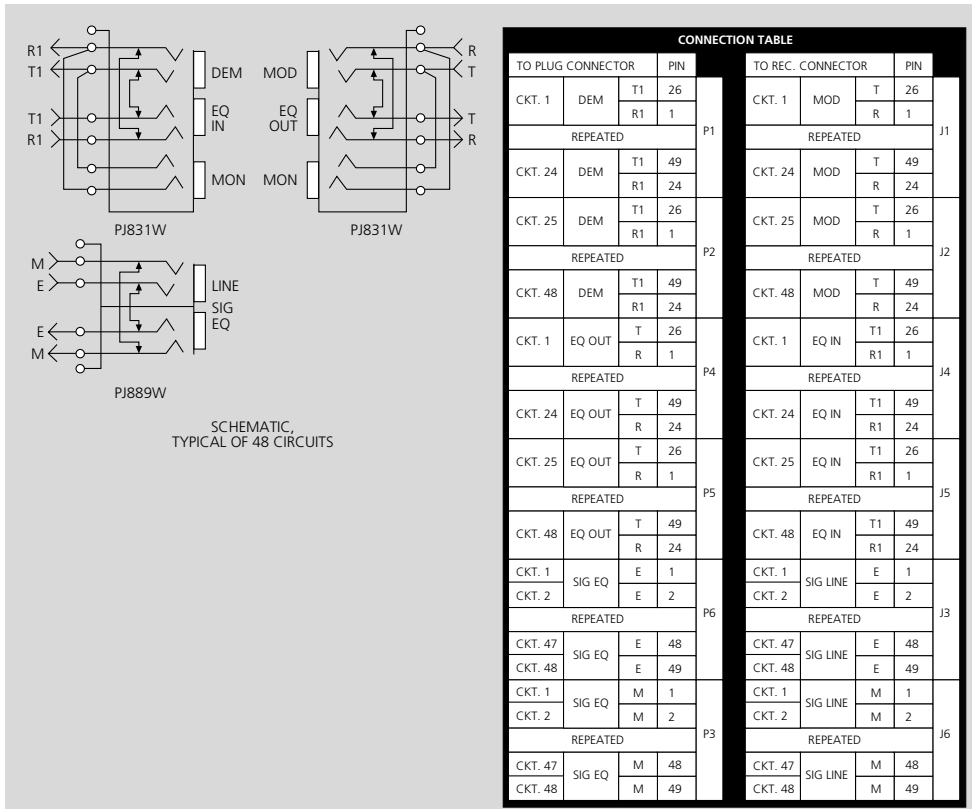
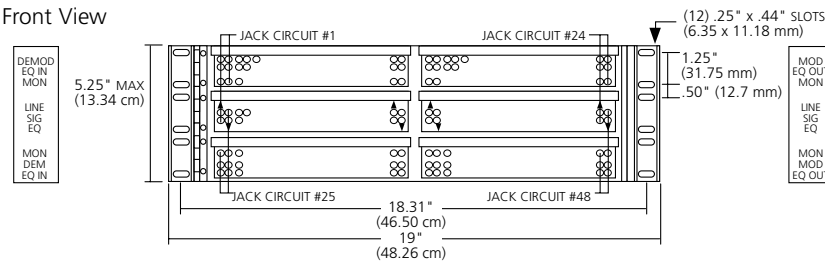
Rear View (Rotated)



Top View



Front View





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