

Panels and Patchbays

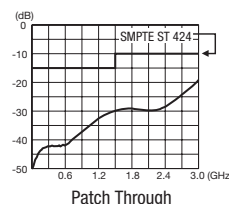
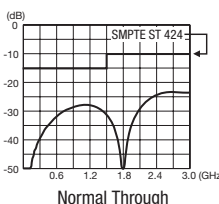
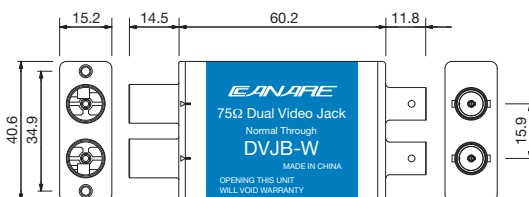
75Ω Video Patchbays

75Ω Video Patchbays

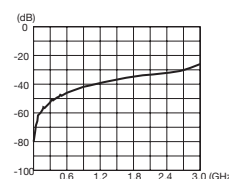
3G-ready HD-SDI video patchbays featuring Canare's uniquely-developed rotary switches.

Model	Panel Size	Loaded Video Jacks
20DV	1 RU	20 x DVJB-W
20DVS	1 RU	20 x DVJB-S
20DV-2U	2 RU	20 x DVJB-W
20DVS-2U	2 RU	20 x DVJB-S
24DV	1 RU	24 x DVJB-W
24DVS	1 RU	24 x DVJB-S
24DV-2U	2 RU	24 x DVJB-W
24DVS-2U	2 RU	24 x DVJB-S
26DV	1 RU	26 x DVJB-W
26DVS	1 RU	26 x DVJB-S
26DV-2U	2 RU	26 x DVJB-W
26DVS-2U	2 RU	26 x DVJB-S

*Colors other than black are available on custom-made basis. (See page 75)



Return loss for DVJB-W



Isolation

75Ω Dual Video Jacks

Model	Description
DVJB-W	Normal Through
DVJB-S	Straight Through
VJ-DC	Dust Cap for Video Jack (color: black 40 pcs)

Key Features and Benefits

- Rotary switch has been improved for superior isolation.
- Also usable as digital audio patchbay.
- Can be recessed 25 mm.
- Wide designation strip (2 RU type).
- Lightweight aluminum alloy video jacks.



Video Patch Cord (see page 87)

Return Loss & Isolation

Model	Return Loss			Isolation
	BNC-BNC: Normal Through	BNC-VIDEO: Patch Through	BNC-Self Termination	
DVJB-W		26 dB or greater (~750 MHz)		35 dB or greater (~1.5 GHz) 20 dB or greater (~3.0 GHz)
		20 dB or greater (~2.4 GHz)		
		10 dB or greater (~3.0 GHz)		
DVJB-S	N/A	26 dB or greater (~750 MHz)	26 dB or greater (~750 MHz)	35 dB or greater (~1.5 GHz) 20 dB or greater (~3.0 GHz)
		20 dB or greater (~2.4 GHz)	20 dB or greater (~1.5 GHz)	
		10 dB or greater (~3.0 GHz)	10 dB or greater (~3.0 GHz)	

Technical Note

Rotary Switch Technology and Signal Routing Chart

At the heart of the video jack is an independently-developed rotary switch which has been specially designed for use with high frequency signals. It features dual-contact construction for improved contact stability.



W Series (Normal Through)			
Video Port: No Patch		BNC Port: Signal thru as Arrowed	Signal routes between top and bottom BNC without the use of Video plugs.
Video Port: Patch Upper		BNC Port: Lower Terminated	Inserting a Video Patch Cord into front "upper" port automatically terminates signal path into the lower 75Ω load.
Video Port: Patch Lower		BNC Port: Upper Terminated	Inserting a Video Patch Cord into front "lower" port automatically terminates signal path into the upper 75Ω load.
Video Port: Patch Both		BNC Port: Signal thru as Arrowed	Inserting Video Patch Cords into both front ports inputs and/or outputs signal.

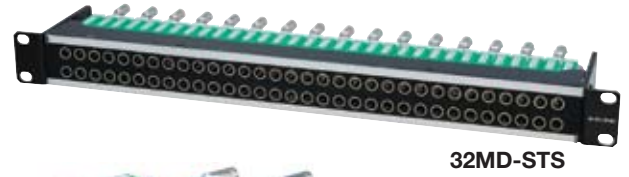
S Series (Straight Through)			
Video Port: No Patch		BNC Port: Both Signal Terminated	Two independent single jacks in a dual housing.
Video Port: Patch Upper		BNC Port: Lower Terminated	Inserting a Video Patch Cord into front "upper" port automatically terminates signal path into the lower 75Ω load.
Video Port: Patch Lower		BNC Port: Upper Terminated	Inserting a Video Patch Cord into front "lower" port automatically terminates signal path into the upper 75Ω load.
Video Port: Patch Both		BNC Port: Signal thru as Arrowed	Inserting Video Patch Cords into both front ports inputs and/or outputs signal.

75Ω Staggered Mid-size Video Patchbays

3G-ready mid-size video jacks allow for more efficient use of rack space.

Model	Panel Size	Loaded Video Jacks
32MD-ST	1 RU	32 x MDVJ-STW
32MD-ST-S	1 RU	32 x MDVJ-ST-S
32MD-ST-2U	2 RU	32 x MDVJ-STW
32MD-ST-S-2U	2 RU	32 x MDVJ-ST-S
32MD-ST-4U	4 RU	96 x MDVJ-STW
32MD-ST-S-4U	4 RU	96 x MDVJ-ST-S

*Colors other than black are available on custom model basis except 4 RU type (See page 75).



32MD-ST-S

75Ω Staggered Mid-size Video Jacks

Model	Description
MDVJ-STW	Staggered Mid-size Video Jack, Normal Through
MDVJ-ST-S	Staggered Mid-size Video Jack, Straight Through
MVJ-DC	Dust cap for Mid-size video Jack (color: black 40 pcs)

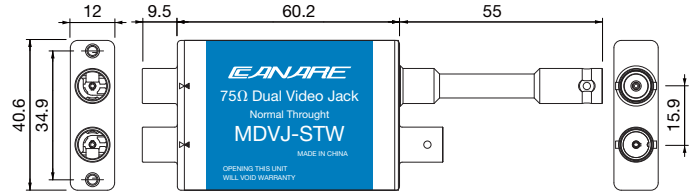
Key Features and Benefits

- 32 channels of I/O into 1 RU or 2 RU, 96 channels of I/O into 4 RU.
- Rotary switch has been improved for superior isolation.
- Can be recessed 25 mm (1 RU, 2 RU type).
- Wide designation strip (2 RU, 4 RU type).
- Lightweight aluminum alloy video jacks.
- Industry standard BNC plugs can be used.

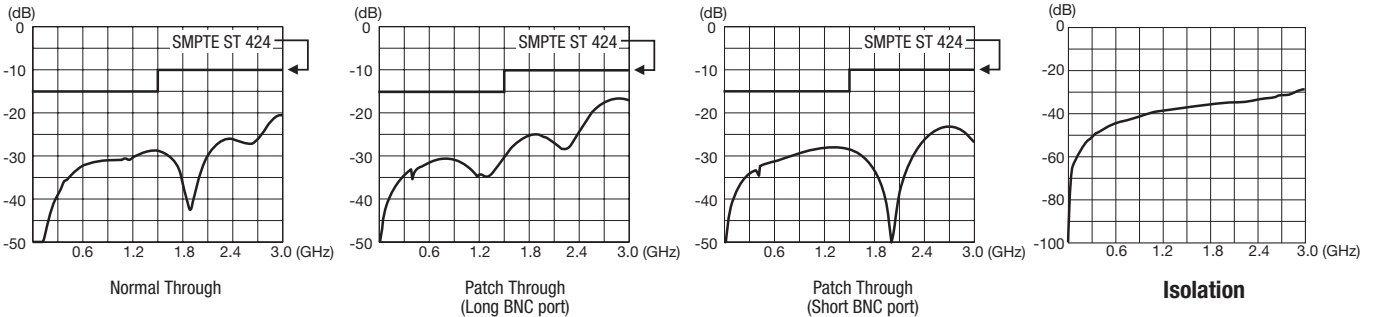
Note: Be sure to use with Mini-Weco video plug.



Mini-Weco Video Patch Cord (see page 87)



32MD-ST-4U



Return loss for MDVJ-STW

Return Loss & Isolation

Model	Return Loss			Isolation
	BNC-BNC: Normal Through	BNC-VIDEO: Patch Through	BNC-Self Termination	
MDVJ-STW		26 dB or greater (~750 MHz)		35 dB or greater (~1.5 GHz) 20 dB or greater (~3.0 GHz)
		20 dB or greater (~2.4 GHz)		
		10 dB or greater (~3.0 GHz)		
MDVJ-ST-S	N/A	26 dB or greater (~750 MHz)	26 dB or greater (~750 MHz)	35 dB or greater (~1.5 GHz) 20 dB or greater (~3.0 GHz)
		20 dB or greater (~2.4 GHz)	20 dB or greater (~1.5 GHz)	
		10 dB or greater (~3.0 GHz)	10 dB or greater (~3.0 GHz)	

Technical Trend

Fiber-Optic Systems

Connectors

Cables

Panels & Patchbays

Multichannel Systems

Cable Assemblies

Panels and Patchbays

75Ω Video Patchbays

75Ω Staggered Video Patchbays

The next-generation 12G-ready video patchbays with newly developed staggered dual video jacks.

Staggered Video Patchbays 12G-SDI

Model	Panel Size	Loaded Video Jacks
32MCK-ST	1 RU	32 x MCVJK-STW
32MCK-STs	1 RU	32 x MCVJK-STs

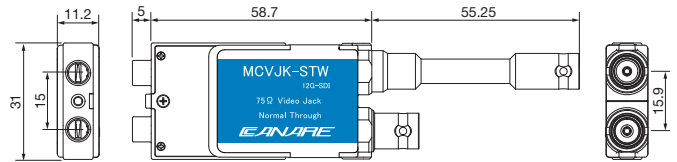
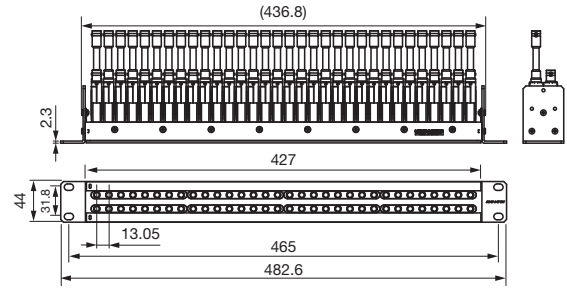
Staggered Video Jacks 12G-SDI

Model	Description
MCVJK-STW	Normal Through
MCVJK-STs	Straight Through
MCVJ-DC	Duct cap for MCVJ/MCVJK (black, 100 pcs)

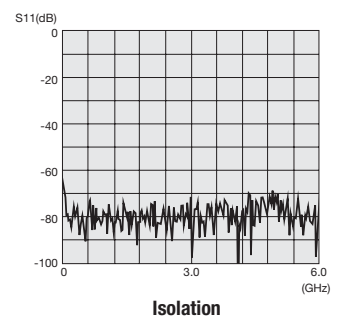
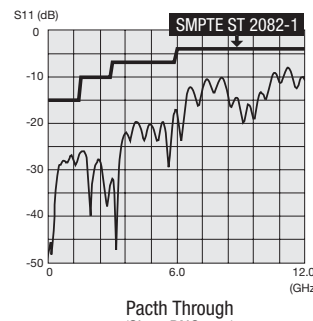
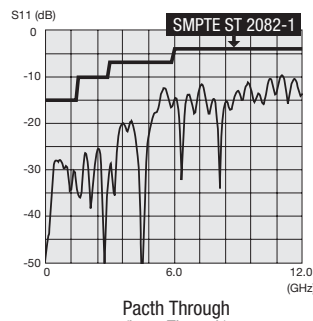
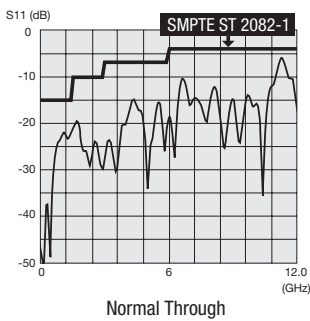
Key Features and Benefits

- SMPTE ST 2082-1 compliant
- 32 channels of I/O into 1 RU
- Staggered BNC rear jacks
- Dust-proof shutter
- Included a sheet of channel designator for easy identification.
- Can be recessed 25 mm.
- Lightweight aluminum alloy video jacks

Note : Be sure to use with Canare's unique Micro Video Plug (see page 74).



Micro Video Patch Cord
MCVPC**
(see page 87)



Return Loss for MCVJK-STW

Return Loss & Isolation

Model	Return Loss			Isolation
	BNC-BNC: Normal Through	BNC-VIDEO: Patch Through	BNC-Self Termination	
MCVJK-STW		15 dB or greater (~1.5 GHz)		45 dB or greater (~6 GHz)
		10 dB or greater (~3 GHz)		
		7 dB or greater (~6 GHz)		
		4 dB or greater (~12 GHz)		
MCVJK-STs	N/A	15 dB or greater (~1.5 GHz)		45 dB or greater (~6 GHz)
	10 dB or greater (~3 GHz)			
	7 dB or greater (~6 GHz)			
	4 dB or greater (~12 GHz)			

75Ω Micro Video Patchbays

Our unique, thinnest and lightest video jacks realize ultimate space efficiency.

Micro Video Patchbays

Model	Panel Size	Loaded Video Jacks
48MC	1 RU	48 x MCVJ-W
48MCS	1 RU	48 x MCVJ-S

Micro Video Jacks

Model	Description
MCVJ-W	Normal Through
MCVJ-S	Straight Through
MCVJ-DC	Duct cap for MCVJ/MCVJK (black, 100 pcs)

Key Features and Benefits

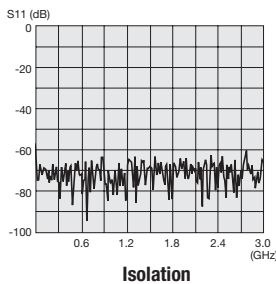
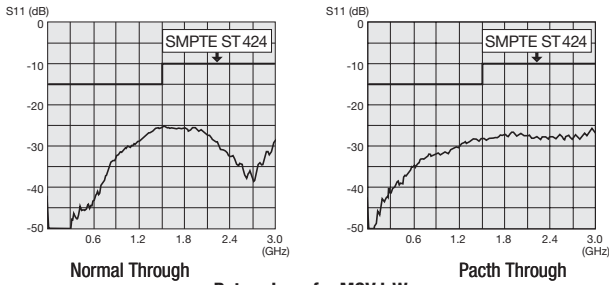
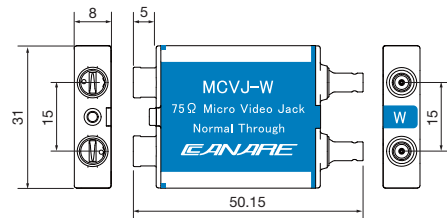
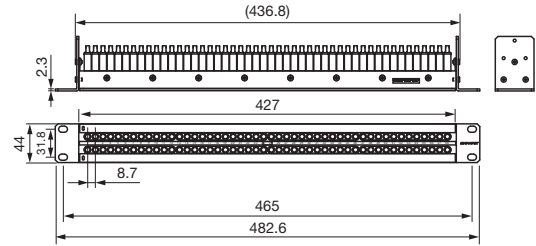
- High density 48 channels of I/O into 1 RU design.
- Video jack weights 35 g and is half of our conventional one.
- Space and weight saving; beneficial to O.B. vans
- DIN 1.0/2.3 rear jacks.
- Dust-proof shutter
- Included a sheet of channel designator for easy identification.
- Can be recessed 25 mm.
- SMPTE ST 424 compliant.

Note :

Be sure to use with our unique Micro Video Plug (see page 74).



Micro Video Patch Cord
MCVPC**
(see page 87)



Return Loss & Isolation

	Model	MCVJ-W	MCVJ-S
RL	DIN-DIN: Normal Through	20 dB or greater (~ 3 GHz)	—
	DIN-Video: Patch Through	20 dB or greater (~ 3 GHz)	20 dB or greater (~ 3 GHz)
	DIN-Self Termination	10 dB or greater (~ 3 GHz)	20 dB or greater (~ 3 GHz)
Isolation		45 dB or greater (~ 3 GHz)	45 dB or greater (~ 3 GHz)

Comparison of Canare Video Patchbays

Model	2xDV	32MD-STx	32MCK-STx	48MCx
Application	up to 3G-SDI	up to 3G-SDI	12G-SDI	up to 3G-SDI
Channels	20, 24, 26	32	32	48
Panel Option	1 RU, 2 RU	1 RU, 2 RU, 4 RU	1 RU	1 RU
Video Port	Standard (W.E.)	Mini-Weco	Canare Micro	Canare Micro
Patch Cord	VPC**-WC	MVPC**	MCVPC**	MCVPC**
Rear	BNC	BNC or Slim BNC	BNC or Slim BNC	DIN 1.0/2.3

Panels and Patchbays

Video Plugs

Video Plug (W.E. Standard)

Model	Suitable Cable	Boot	Die Set
VWP-C4A	LV-61S, RG-59B/U, Belden 8241, 8279, 88241	CB04	TCD-451CA TCD-4CA

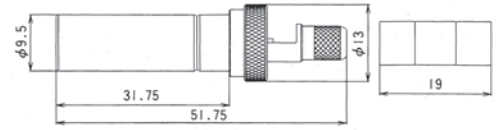
•Standard Package (20pcs)

- Gold-plated center contact resists deterioration over years of use.
- Solder center contact and crimp sleeve.

Be sure to use Canare Crimp Tool.



VWP-C4A



VWP-C4A

Mini-WECO Video Plug

Model	Suitable Cable	Boot	Die Set
MVP-C4	LV-61S, RG-59B/U, Belden 8241, 8279, 88241	CB25	TCD-451CA TCD-4CA

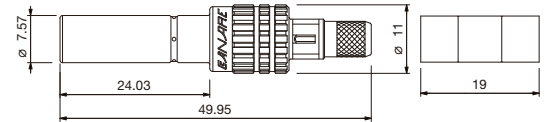
•Standard Package (20pcs)

- Return loss: 26 dB or greater (DC - 1.5 GHz), 20 dB or greater (DC - 2.4 GHz).
- Gold-plated center contact resists deterioration over years of use.
- Solder center contact and crimp sleeve.

Be sure to use Canare Crimp Tool.



MVP-C4



MVP-C4

Micro Video Plug

NEW

Model	Suitable Cable	Boot	Die Set
MCVP-C25HW	L-2.5CHWS	—	TCD-D253F

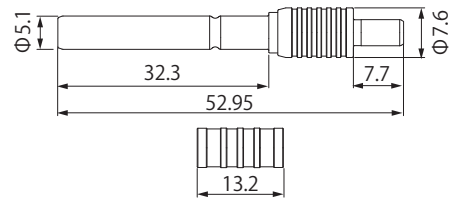
•Standard package: 20 pcs

- Specifically designed for Canare MCVJ and MCVJK-ST jacks.
- Return loss:
 - 20 dB or greater (DC - 3 GHz)
 - 13 dB or greater (DC - 6 GHz)
 - 7 dB or greater (DC - 12 GHz)
- Gold-plated crimp center contact.
- No solder needed to install.

Be sure to use Canare Crimp Tool.



MCVP-C25HW



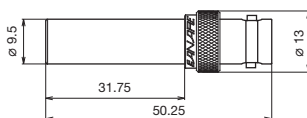
MCVP-C25HW

Video Conversion Connectors

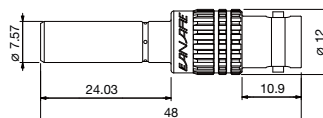
Model	Description
BCJ-VWP	BNC (female) - Video plug (W.E.Standard)
BCJ-MVP	BNC (female) - Mini-WECO Video plug

•Standard Package: BCJ-VWP (1 pcs), BCJ-MVP (10 pcs)

Note: BCJ-MVP is recommended to use with Slim BNC plug. (see page 31)



BCJ-VWP



BCJ-MVP



BCJ-VWP



BCJ-MVP

Ordering Information

Standard Video Patchbays

26 DV S - 5 - 2U

Number of Video Jacks

20	20 pcs
24	24 pcs
26	26 pcs

Circuit Type

Blank	Normal Through
S	Straight Through

Rack Unit (height)

Blank	1 RU
2U	2 RU

Panel Color

Blank	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

Mid-size Video Patchbays

32 MD - ST S - 1 - 2U

Circuit Type

Blank	Normal Through
S	Straight Through

Rack Unit (height) & Number of Video Jacks

Blank	1 RU, 32 Jacks
2U	2 RU, 32 Jacks
4U	4 RU, 96 Jacks

Panel Color

Blank	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

Note:

- 1) 4 RU type is available in black color only
- 2) 4 RU type can not be recessed.

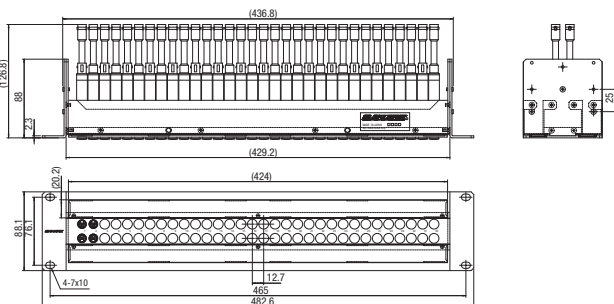
Designation Strip Dimensions

1 RU: 426 mm x 6.2 mm

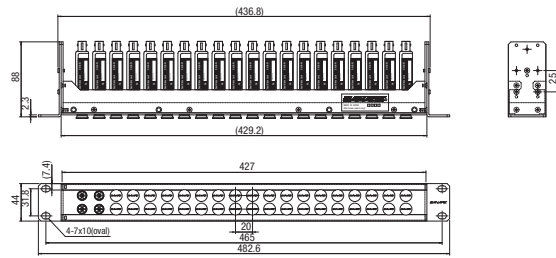
2 RU: 420 mm x 18.4 mm

4 RU: 431.8 mm x 13.2 mm

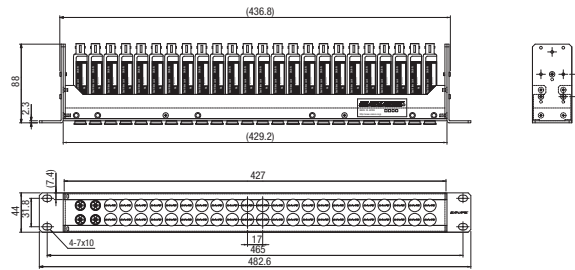
32MD-ST-2U



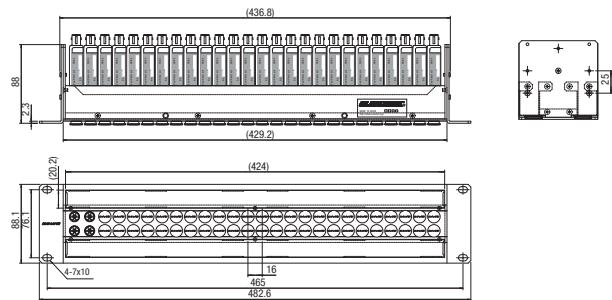
20DV (1RU)



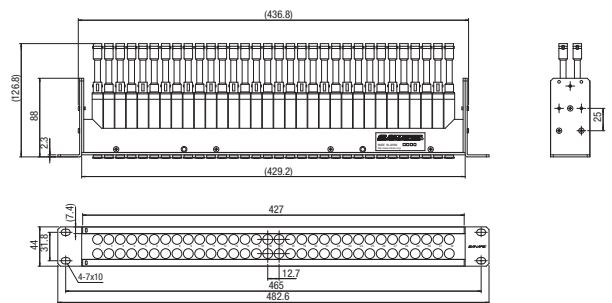
24DV (1RU)



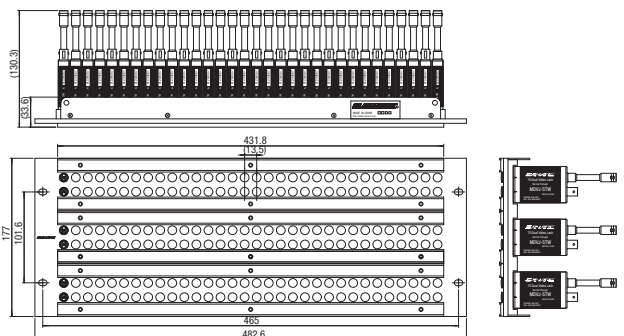
26DV-2U (2RU)



32MD-ST



32MD-ST-4U



Panels and Patchbays

Unloaded Video Jack Panels, RS422 Patchbays

Unloaded Video Jack Panels

Model	Panel Size	Description
VJ2-V20-1U-***	1 RU	20 ch (40 holes), for DVJB
VJ2-V20-2U-***	2 RU	20 ch (40 holes), for DVJB
VJ2-V24-1U-***	1 RU	24 ch (48 holes), for DVJB
VJ2-V24-2U-***	2 RU	24 ch (48 holes), for DVJB
VJ2-V26-1U-***	1 RU	26 ch (52 holes), for DVJB
VJ2-V26-2U-***	2 RU	26 ch (52 holes), for DVJB
MJ2-M32-1U-***	1 RU	32 ch (64 holes), for MDVJ
MJ2-M32-2U-***	2 RU	32 ch (64 holes), for MDVJ
VJ2-M32-4U	4 RU	96 ch (3 x 32 ch, 192 holes), for MDVJ, Black
MJ2-M32CK-1U-BLK	1 RU	32 ch (32 slots), for MCVJK, Black

*** : Please refer to the ordering information on the right.

<Ordering Information>

Coding Ex.

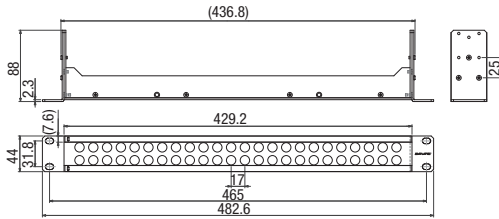
VJ2 - V20 - 2U - BLK

Panel Size

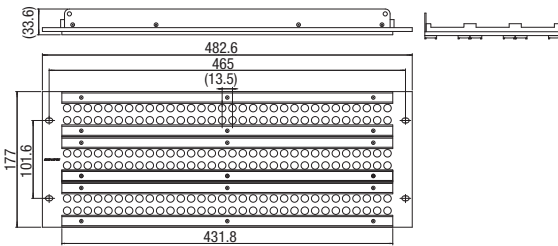
1U	1 RU
2U	2 RU

Color Codes

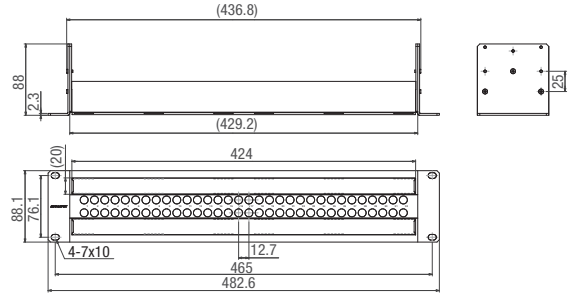
BLK	Black
BRN	Brown
RED	Red
ORG	Orange
YEL	Yellow
GRN	Green
BLU	Blue
PPL	Purple
GRY	Gray
WHT	White



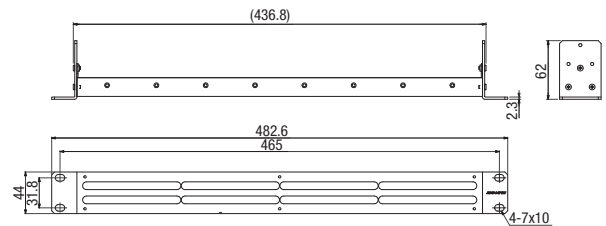
VJ2-V24-1U-BLK



VJ2-M32-4U



MJ2-M32-2U-BLK



MJ2-M32CK-1U-BLK

RS422 Patchbays

Model	Panel Size	Connectors	
		Front Panel	Rear Panel
RS-422-1U-16	1 RU	Bantam	D sub 9P(F)×16
RS-422-1U-24	1 RU	Bantam	D sub 9P(F)×24
RS-422-2U-32	2 RU	Bantam	D sub 9P(F)×32
RS-422-2U-48	2 RU	Bantam	D sub 9P(F)×48

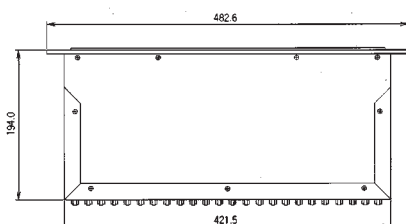
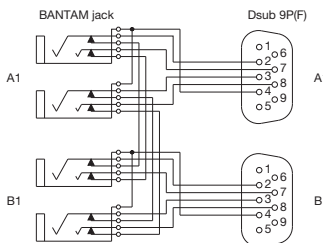
● The RS422 serial signal used for VTR remote applications can now be switched with Bantam patchbay ease.

● D sub screws are M2.6

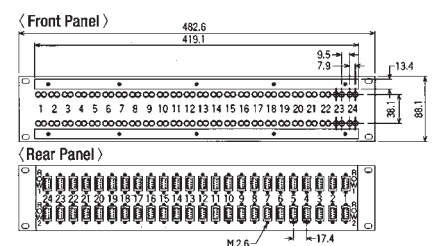
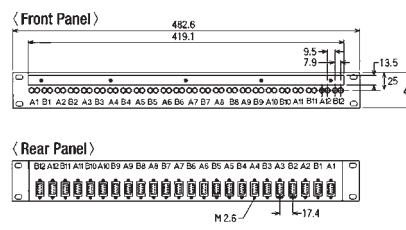
* Listed above items are other manufacturer's products.



RS-422-2U-48



RS-422-1U-24



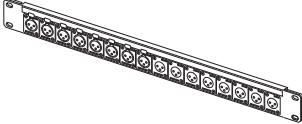
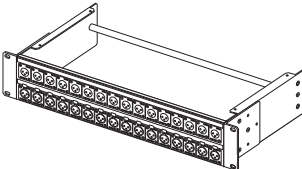
RS-422-2U-48

Pre-Loaded A/V Connector Panels

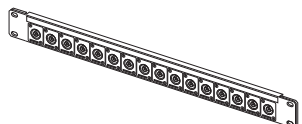
Key Features and Benefits

- Isolated BNC, RCA, F, XLR on same panel
- Clear plastic cover, full screen desi-strip
- Variety of panel options
- Most popular panel holes XLR F-77 and Neutrik D available

XLR Connector Panels

Type	Panel Size	Model	Loaded Connector	Panel P/N	Dimensions (mm)
 161U-X12F	1 RU	161U-X1F	XLR3-31F77 (16 pcs)	1U-AS1	44 x 482.6 x 39.7
		161U-X2F	XLR3-32F77 (16 pcs)		44 x 482.6 x 26.6
		161U-X12F	XLR3-31F77 (8 pcs, Left) XLR3-32F77 (8 pcs, Right)		44 x 482.6 x 39.7
		161U-B1	NC3FD-LX-B (16 pcs)	1U-AS1D	44 x 482.6 x 31.3
			161U-B2		NC3MD-LX-B (16 pcs)
 162U-X21	2 RU	162U-X21	XJ3M-P3FA (16 pcs, Upper Row)	2U-AS7	88.1 x 482.6 x 217
			XJ3F-P3MA (16 pcs, Lower Row)		
		162U-X22	XJ3M-P3FA (32 pcs, 2 rows)		

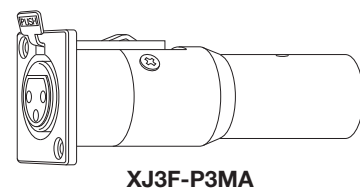
BNC Connector Panels

Type	Panel Size	Model	Loaded Connector	Panel P/N	Dimensions (mm)
 161U-JRUK	1 RU	161U-JRUK	BCJ-JRUK (16 pcs)	1U-AS1	44 x 482.6 x 31.4
		161U-JRUDB	BCJ-JRUDB (16 pcs)	1U-AS1D	44 x 482.6 x 29.1
	2 RU	162U-JRUK	BCJ-JRUK (32 pcs, 2 rows)	2U-AS7	88.1 x 482.6 x 217

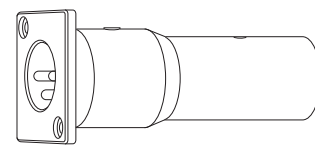
XLR3 Panel Mount Adapters

Model	Description		Flange Type
	Front	Rear	
XJ3M-P3FA	XLR 3pin (M)	XLR 3pin (F)	ITT XLR-F77
XJ3M-P3MA	XLR 3pin (M)	XLR 3pin (M)	
XJ3F-P3FA	XLR 3pin (F)	XLR 3pin (F)	
XJ3F-P3MA	XLR 3pin (F)	XLR 3pin (M)	

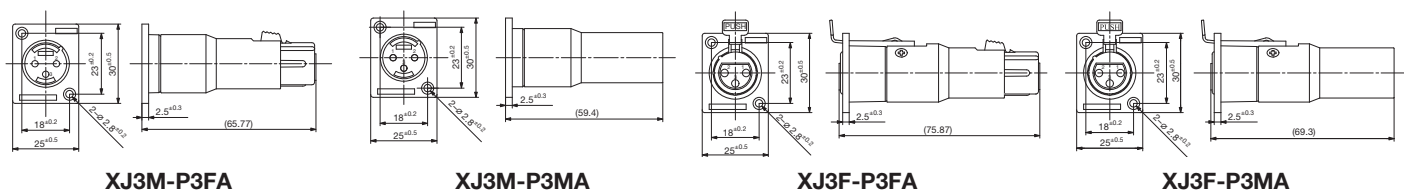
- XJ3 series are XLR3 full compatible.
- XLR jack to jack extremely reduce installation hours.



XJ3F-P3MA



XJ3M-P3MA



XJ3M-P3FA

XJ3M-P3MA

XJ3F-P3FA

XJ3F-P3MA

Blank Panels

Model	Description
BP-DXF (20 pcs)	Snap-on blank panels for both ITT XLR-F77/Neutrik D holes
BP-XF (10 pcs)	Blank panels for ITT XLR-F77 hole with screws
BP-D (10 pcs)	Blank panels for Neutrik D hole with screws

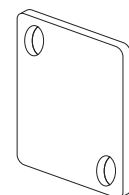
BP-DXF

- Easy and quick snap-on mounting without any tools
- Can be used for both ITT XLR-F77 and Neutrik D holes

Note: Panel thickness range: t 1.2 to t 2.3 mm



BP-DXF

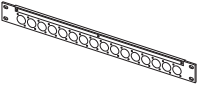
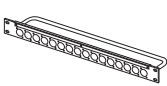
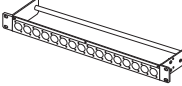
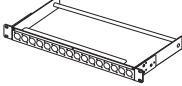
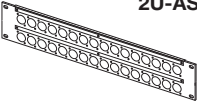
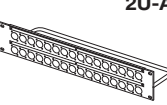
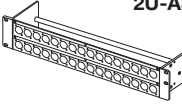
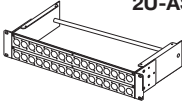
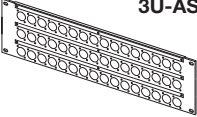
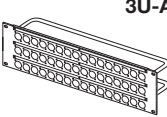
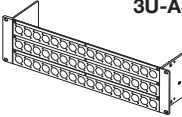
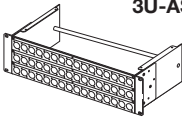


BP-XF

Panels and Patchbays

Connector Panels

Unloaded A/V Connector Panels

Panel Type	AS1 (D)	AS3 (D)	AS5 (D)	AS7 (D)
Description	Flat panel	Flat panel w/cable tie bar	Variable panel w/cable tie bar short type	Variable panel w/cable tie bar Long type
1 RU 16 holes x 1 row	 1U-AS1 (D)	 1U-AS3 (D)	 1U-AS5 (D)	 1U-AS7 (D)
Depth (mm)	—	64.8	100	217
2 RU 16 holes x 2 rows	 2U-AS1 (D)	 2U-AS3 (D)	 2U-AS5 (D)	 2U-AS7 (D)
Depth (mm)	—	64.8	100	217
3 RU 16 holes x 3 rows	 3U-AS1 (D)	 3U-AS3 (D)	 3U-AS5 (D)	 3U-AS7 (D)
Depth (mm)	—	64.8	100	217

Variable panel can be recessed 25 mm.

Ordering Information

Panel Height, Number of holes and Rows

1U	1 RU, 16 holes, 1row
2U	2 RU, 32 holes, 2rows
3U	3 RU, 48 holes, 3rows

1U - AS3 D

Hole Type

Blank	ITT XLR-F77 Type
D	Neutrik D Type

Panel Type

AS1	Flat panel
AS3	Flat panel w/cable tie bar
AS5	Variable panel w/ cable tie bar - short depth
AS7	Variable panel w/ cable tie bar - long depth

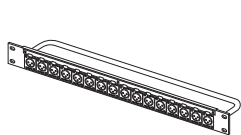
NOTE:

- Depending on their length, some connectors can not be mounted on the panel with a cable tie bar installed.

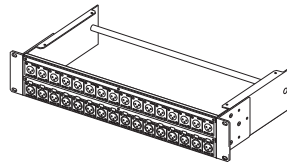
Related Products

Model	Description
M-MA1U02	1 RU mounting brackets for a Variable panel, 2 pcs. (left and right)
M-MA2U02	2 RU mounting brackets for a Variable panel, 2 pcs. (left and right)
M-MA3U02	3 RU mounting brackets for a Variable panel, 2 pcs. (left and right)
DS10-AS4	Designation strip for Canare AV connector panels, 2 pcs.

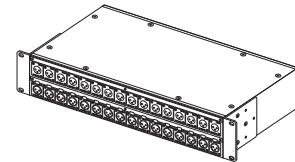
Examples of Custom-Made Connector Panels



1U-AS3 + XLR3-31F77 × 16



**2U-AS7 + XLR3-32F77 × 16
XLR3-31F77 × 16**



2U-AS7 (box type)
Connectors can be mounted on the both side.

Connectors

Canare Flush-mount BNC, F, RCA and XLR (ITT XLR-F77 or Neutrik D type) are available.

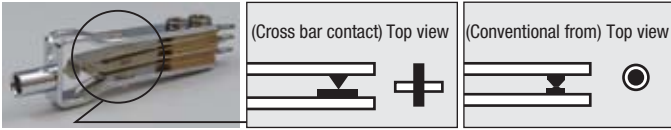
Options

- A) Rear Panel A connector panel can be mounted on the rear.
- B) Box Type A connector panel, top plate and bottom plate can be mounted on the rear.
- C) Recessed Variable panel can be recessed 25 mm by changing the screw positions of the mounting brackets and can be recessed either 50 mm or 75 mm by changing the mounting brackets to M-MA*U02.

Options	AS1 (D)	AS3 (D)	AS5 (D)	AS7 (D)
A) Rear Panel	N/A	N/A	Available	Available
B) Box Type	N/A	N/A	N/A	Available
C) Recessed	N/A	N/A	Available	Available

Audio Patchbays

The gold alloy cross bar contact, which features a low faulty contact rate, is used for the jacks.



- 481U patchbay can be recessed 25 mm by changing the screw positions on the mounting brackets.



Bantam patch panel 481U-820AQ



Bantam patch panel 48-12A/820AQ/EIA

Model	Description	Connector
481U-820AQ	Bantam Patchbay	820AQ×96

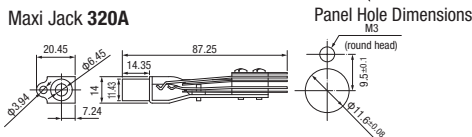
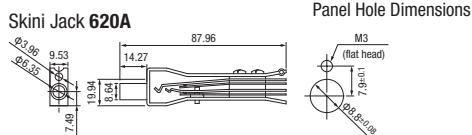
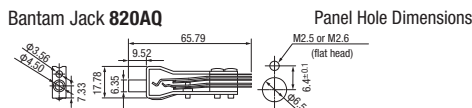
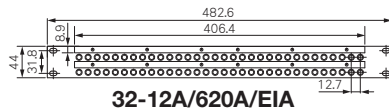
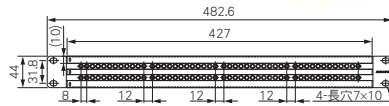
Model	Description	Connector
48-12A/820AQ/EIA	Bantam Patchbay	820AQ×96
32-12A/620A/EIA	Skini Patchbay	620A×64
612A/320A/EIA	Maxi Patchbay	320A×52

* Listed above items are other manufacturer's products.

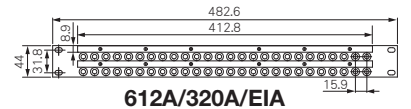
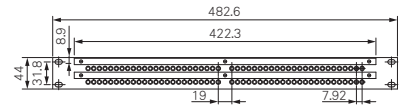
Audio Patchbays Related Products

Model	Description
320A	Maxi Jack
620A	Skini Jack
820AQ	Bantam Jack
ABJ-DC	Bantam Jack Dust Cap (100 pcs/pkg)
NP3TMC-B	Maxi/Skini Plug
PH50-A	Maxi/Skini/Video Patch Cord Holder
PH50-B	Bantam Patch Cord Holder
DS10-AS1	Designation Strip for Bantam (2 pcs.)
DS10-AS2	Designation Strip for Skini (2 pcs.)
DS10-AS3	Designation Strip for Maxi (2 pcs.)

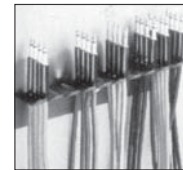
* Listed above items are other manufacturer's products.



BC * M
(See page 91 for patch cords.)



Patch Cord Holder



Capable up to 50 patch cords.
Easy to install on the wall or side of rack.
PH50-A
for Maxi/Skini, Video cords.
PH50-B
for Bantam cords.

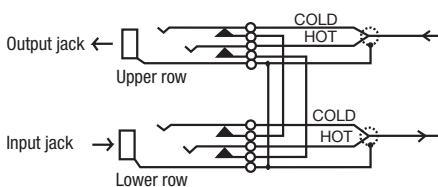
Technical Note

Audio Patchbay Normalizing Descriptions

Output from a device is obtained from the upper row, while input to a device is normally connected to the lower row. Users can select from the following three types of connecting functions.

<Wiring formats connecting upper and lower connectors>

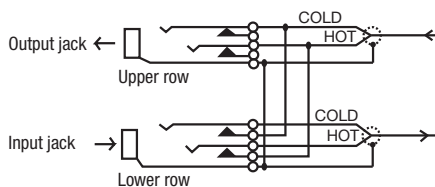
F: Full normal connection



Full Normal Format (series)

The upper (output) row is connected to the lower row (input) in the state when a plug is not inserted. When a plug is inserted in the upper jack to obtain a signal, the signal is not connected to the lower jack. A signal can be entered by inserting a plug in the lower jack. In this case the signal is not connected to the upper jack.

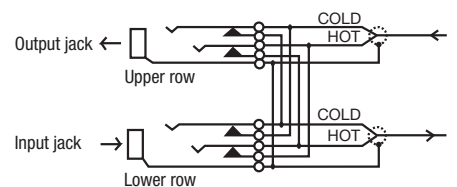
H: Half normal connection



Half Normal Format (half-parallel)

The upper (output) row is connected to the lower row (input) in the state when a plug is not inserted. When a plug is inserted in the upper jack to obtain a signal, the signal is connected to the lower jack. This format allows the signal to be obtained in parallel. The signal can be prevented from going to the lower jack by inserting a dummy plug. Signals are input by inserting a plug in the lower jack. In this case the signal is not connected to the upper jack.

W: Double normal connection



Double Normal Format (series-parallel)

The upper (output) row is connected to the lower row (input) in the state when a plug is not inserted. When a plug is inserted in the upper jack to obtain a signal, the signal is connected to the lower jack. This format allows the signal to be obtained in parallel. The signal can be prevented from going to the lower jack by inserting a dummy plug. A signal can be entered by inserting another plug in the lower jack. Note that the signal in this case is connected to the upper jack. This can be prevented by inserting a dummy plug.

Wired Box

Type	Model	Size	Connector	
			Front	Rear
Bantam	481U-WBF	1 RU	820AQ × 96	90-602 × 4
	481U-WBH	1 RU	820AQ × 96	90-602 × 4
	481U-WBW	1 RU	820AQ × 96	90-602 × 4
	481U-WBS	1 RU	820AQ × 96	90-602 × 4
	48WB-F	1 RU	820AQ × 96	90-602 × 4
	48WB-H	1 RU	820AQ × 96	90-602 × 4
	48WB-W	1 RU	820AQ × 96	90-602 × 4
Skini	32WB-F	1 RU	620A × 64	90-602 × 4
	32WB-H	1 RU	620A × 64	90-602 × 4
	32WB-W	1 RU	620A × 64	90-602 × 4
Maxi	26WB-F	1 RU	320A × 52	90-602 × 4
	26WB-H	1 RU	320A × 52	90-602 × 4
	26WB-W	1 RU	320A × 52	90-602 × 4

481U-WB can be recessed 25 mm
 *90-602 connector is identical to
 ELC0 00-8016-090-***-702V connector



90-602



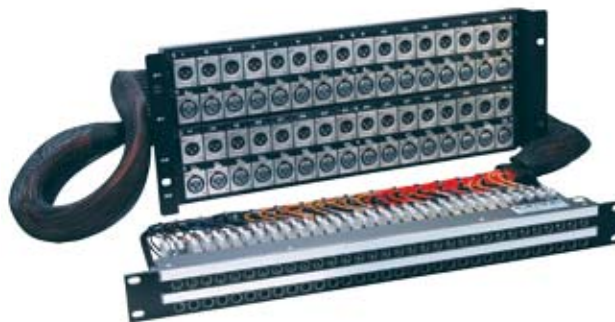
Bantam wired box 481U-WB*



Bantam wired box 48WB-*



Maxi wired box 26WB-*



Skini wired panel 32XP-*

Wired Panels

Type	Model	Panel 1		Panel 2	
		Size	Connector	Size	Connector
Bantam	48XP-F	1 RU	820AQ × 96	3 RU × 2	XLR3-31F77 × 48 XLR3-32F77 × 48
	48XP-H	1 RU	820AQ × 96	3 RU × 2	XLR3-31F77 × 48 XLR3-32F77 × 48
	48XP-W	1 RU	820AQ × 96	3 RU × 2	XLR3-31F77 × 48 XLR3-32F77 × 48
Skini	32XP-F	1 RU	620A × 64	4 RU	XLR3-31F77 × 32 XLR3-32F77 × 32
	32XP-H	1 RU	620A × 64	4 RU	XLR3-31F77 × 32 XLR3-32F77 × 32
	32XP-W	1 RU	620A × 64	4 RU	XLR3-31F77 × 32 XLR3-32F77 × 32

*Cables are 2 meters in length.

Normalizing Options	
481U-WB*	F: Full normal
48WB-*	H: Half normal
48XP-*	W: Double normal
	S: Single (No normal)



TC**B

(See page 91 for patch cords)

90-602 Connector Format (Wired box) <Rear panel>



Bantam	Lower row 25~48 ch	Upper row 25~48 ch	Lower row 1~24 ch	Upper row 1~24 ch
Skini	Lower row 17~32 ch	Upper row 17~32 ch	Lower row 1~16 ch	Upper row 1~16 ch
Maxi	Lower row 14~26 ch	Upper row 14~26 ch	Lower row 1~13 ch	Upper row 1~13 ch

90-602 connector is mated with 90-608 connector.
 90-608 requires either 125 or 525 contact and 90-T cover for assembling.

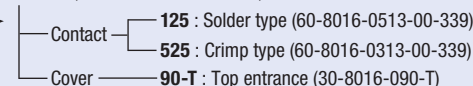
<Wired box side>

90-602

(00-8016-090-000-702V)

<Cable side>

90-608 (00-8016-090-000-708V)



*The numbers in parentheses are ELC0 ordering codes.

** Contact extraction tool: 06-1877-04.

Crimping pliers for 525: 06-1001-015 (AWG #18), 06-1001-016 (AWG #20-#22), 06-1001-017 (AWG #24-#26).

Wiring Table for 90-602

Channel no.	Maxi		Skini		Bantam		HOT	COLD	SHIELD
	1	14	1	17	1	25	A	H	R
2	15	2	18	2	26	B	J	S	
3	16	3	19	3	27	C	K	T	
4	17	4	20	4	28	D	L	U	
5	18	5	21	5	29	E	M	V	
6	19	6	22	6	30	F	N	W	
7	20	7	23	7	31	X	AE	AM	
8	21	8	24	8	32	Y	AF	AN	
9	22	9	25	9	33	Z	AH	AP	
10	23	10	26	10	34	AA	AJ	AR	
11	24	11	27	11	35	AB	AK	AS	
12	25	12	28	12	36	AC	AL	AT	
13	26	13	29	13	37	BJ	BS	BY	
		14	30	14	38	BK	BT	BZ	
		15	31	15	39	BL	BU	CA	
		16	32	16	40	BM	BV	CB	
				17	41	BN	BW	CC	
				18	42	BP	BX	CD	
				19	43	CF	CN	CW	
				20	44	CH	CP	CX	
				21	45	CJ	CR	CY	
				22	46	CK	CS	CZ	
				23	47	CL	CT	DA	
				24	48	CM	CU	DB	