Categories

- Audio and data connectors
- Video and RF connectors
- Power connectors, distribution and batteries
- Connection panels and stageboxes
- Fibre optic cables, connectors and interfaces
- Cable assemblies, patchcords and leads
- Cables
- Cabling accessories and tools
- Bags and cases
- Racks and enclosures
- Rack accessories and hardware
- Lights, clocks, furniture, fittings and equipment supports
- Drives, memory, media, labelling and sound effects
- Microphones
- Radio Microphones
- Microphone supports, amplifiers, powering and accessories
- Headphones, headsets, earpieces, amplifiers and wireless systems
- Hearing protection and noise control
- Record, replay and radio receivers
- Audio interfacing
- Video interfacing, processing, monitoring and camera accessories
- Audio mixers and processing
- Amplification
- Loudspeakers and audio monitoring
- Test and measurement
- Communications, conferencing and datacoms

By brand
Index
New products
Special offers
Clearance list
Remainder list

Pro... ▸ Connection panels ... ▸ MUSA, microMUSA and WECo v... ▸ CANARE WECo 3Gb/s 1080p HDT... ▸ CANARE 26DV-2U VIDEO JACKFIELD ...

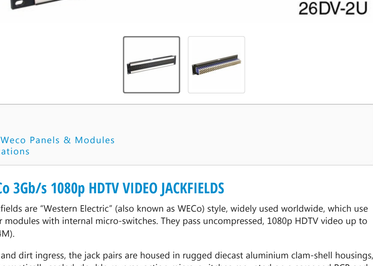
# CANARE 26DV-2U VIDEO JACKFIELD With DVJB-W modules

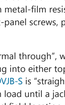
Datasheet Print/PDF | Ask a question

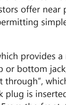
Stock code
**48-374**

Brand
Canare

Model number
26DV-2U





## Resources

Canare Weco Panels & Modules Specifications

## CANARE WECo 3Gb/s 1080p HDTV VIDEO JACKFIELDS

Canare video jackfields are "Western Electric" (also known as WECo) style, widely used worldwide, which use enclosed jack-pair modules with internal micro-switches. They pass uncompressed, 1080p HDTV video up to 3Gb/s (SMPTE424M).

To minimise dust and dirt ingress, the jack pairs are housed in rugged diecast aluminium clam-shell housings, and incorporate hermetically sealed, double reverse-action micro-switches mounted on a screened PCB and rated 30,000 operations. Two precision 75 ohm metal-film resistors offer near perfect signal-path termination. Jack modules are secured by front-panel screws, permitting simple module exchange. Modules have a manufacturer's lifetime guarantee.

Two jack modules are available. DVJB-W is "normal through", which provides a normalled route between top and bottom jacks. On inserting a patchcord plug into either top or bottom jack, the disconnected circuit is automatically terminated into a 75 ohm load. DVJB-S is "straight through", which is effectively two single jacks in one housing, each terminated with a 75 ohm load until a jack plug is inserted. This module is useful for bringing up auxiliary equipment on a central jackfield location. From the front, the modules can be distinguished apart as the DVJB-S type have a slightly serrated jack ring. From the rear, DVJB-W are coded blue, DVJB-S are green.

Jackfields are available in 1U (high density format) in 2 x 20, 2 x 24 and 2 x 26 configurations, together with 2U (standard format) in 2 x 24 and 2 x 26. 2U types feature extra-large designation strip. Jackfields are supplied as standard either with DVJB-W or with DVJB-S modules, however component parts (front panels, jack modules) are available separately to enable users to make up mixed configuration panels. Jackfields do not have lacing bars.

Suitable 75 ohm flexible patchcords VPC-WC are available in three lengths, using black cable jacket as standard, and with black strain-relief sleeves on the connectors. Other lengths and colours are available to special order, subject to a minimum quantity of 10 pieces of each type.

Patchcord plug to BNC socket adapters BCJ-VWP are also available, to enable cables terminated with BNC plugs to be directly patched into the jackfield.

### Technical Specification:

#### SMPTE 292M & 424M Standards

SMPTE 292M is a standard published by SMPTE which allows for bit-rates of 1.485 Gb/s, and 1.485/1.001 Gb/s. These bit-rates are sufficient for to transport uncompressed High Definition video. This standard is usually referred to as HD-SDI and is one of a number of standards that define a Serial Digital Interface based on a coaxial cable, intended to be used for the transport of uncompressed digital video and audio in a television studio environment. SMPTE 424M develops SMPTE292M allowing for bit-rates of 2.970 Gb/s and 2.970/1.001 Gb/s over a coaxial cable or connector panel. These bit-rates are sufficient for uncompressed 1080p video at 50 or 60 frames per second often referred to as 3G HDTV.

The stipulated interface condition (cable & connector) are:
SMPTE 292M - insertion loss 20dB or less at 750MHz - return loss 15dB or less at 1.5GHz.
SMPTE 424M - insertion loss 20dB or less at 1.5GHz - return loss 15dB or less at 1.5GHz and 10dB or less at 3.0GHz.

Note that although the MUSA and WECo systems are visually similar, they are not compatible with each other.

| | Description | Price £ ex. VAT | Add to basket / Delivery |
|---|---|---|---|
|  | CANARE 20DV VIDEO JACKFIELD With DVJB-W modules<br>Stock code: **48-370**<br>Please login for stock availability and lead times. | 1+ **£679.00**<br>10+ £662.00 | 1 |
|  | CANARE 24DV VIDEO JACKFIELD With DVJB-W modules<br>Stock code: **48-371**<br>Please login for stock availability and lead times. | 1+ **£770.00**<br>10+ £751.00 | 1 |
|  | CANARE 26DV VIDEO JACKFIELD With DVJB-W modules<br>Stock code: **48-372**<br>Please login for stock availability and lead times. | 1+ **£816.00**<br>10+ £796.00 | 1 |
|  | CANARE 24DV-2U VIDEO JACKFIELD With DVJB-W modules<br>Stock code: **48-373**<br>Please login for stock availability and lead times. | 1+ **£826.00**<br>10+ £805.00 | 1 |
|  | CANARE 26DV-2U VIDEO JACKFIELD With DVJB-W modules<br>Stock code: **48-374**<br>Please login for stock availability and lead times. | 1+ **£872.00**<br>10+ £850.00 | 1 |
|  | CANARE 20DV VIDEO JACKFIELD With DVJB-S modules<br>Stock code: **48-3040**<br>Please login for stock availability and lead times. | 1+ **£677.00**<br>10+ £660.00 | 1 |
|  | CANARE 24DV VIDEO JACKFIELD With DVJB-S modules<br>Stock code: **48-3041**<br>Please login for stock availability and lead times. | 1+ **£766.00**<br>10+ £747.00 | 1 |
|  | CANARE 26DV VIDEO JACKFIELD With DVJB-S modules<br>Stock code: **48-3042**<br>Please login for stock availability and lead times. | 1+ **£811.00**<br>10+ £791.00 | 1 |
|  | CANARE 24DV-2U VIDEO JACKFIELD With DVJB-S modules<br>Stock code: **48-3043**<br>Please login for stock availability and lead times. | 1+ **£820.00**<br>10+ £799.00 | 1 |
|  | CANARE 26DV-2U VIDEO JACKFIELD With DVJB-S modules<br>Stock code: **48-3044**<br>Please login for stock availability and lead times. | 1+ **£864.00**<br>10+ £842.00 | 1 |
|  | CANARE DVJB-W VIDEO JACKFIELD MODULE<br>Stock code: **48-397**<br>Please login for stock availability and lead times. | 1+ **£27.06**<br>10+ £26.38 | 1 |
|  | CANARE DVJB-S VIDEO JACKFIELD MODULE<br>Stock code: **48-398**<br>Please login for stock availability and lead times. | 1+ **£27.06**<br>10+ £26.38 | 1 |
|  | CANARE VJ2-V20-1U VIDEO JACKFIELD PANEL Unpopulated<br>Stock code: **48-375**<br>Please login for stock availability and lead times. | 1+ **£175.20**<br>10+ £170.90 | 1 |
|  | CANARE VJ2-V24-1U VIDEO JACKFIELD PANEL Unpopulated<br>Stock code: **48-376**<br>Please login for stock availability and lead times. | 1+ **£168.70**<br>10+ £164.50 | 1 |
|  | CANARE VJ2-V26-1U VIDEO JACKFIELD PANEL Unpopulated<br>Stock code: **48-377**<br>Please login for stock availability and lead times. | 1+ **£164.30**<br>10+ £160.20 | 1 |
|  | CANARE VJ2-V24-2U VIDEO JACKFIELD PANEL Unpopulated<br>Stock code: **48-378**<br>Please login for stock availability and lead times. | ~~£220.20~~<br>Clearance<br>**£50.00** | 1 |
|  | CANARE VJ2-V26-2U VIDEO JACKFIELD PANEL Unpopulated<br>Stock code: **48-379**<br>Please login for stock availability and lead times. | 1+ **£216.90**<br>10+ £211.50 | 1 |
|  | CANARE VPC003-WC VIDEO PATCHCORD 300mm<br>Stock code: **48-391**<br>Please login for stock availability and lead times. | 1+ **£21.91**<br>10+ £21.36 | 1 |
|  | CANARE VPC005-WC VIDEO PATCHCORD 500mm<br>Stock code: **48-392**<br>Please login for stock availability and lead times. | 1+ **£21.91**<br>10+ £21.36 | 1 |
|  | CANARE VPC01-WC VIDEO PATCHCORD 1000mm<br>Stock code: **48-393**<br>Please login for stock availability and lead times. | 1+ **£23.00**<br>10+ £22.43 | 1 |
|  | CANARE BCJ-VWP BNC ADAPTER<br>Stock code: **48-396**<br>Please login for stock availability and lead times. | 1+ **£8.76**<br>10+ £8.54 | 1 |

## Order

VAT / Delivery

**£872.00** each (ex. VAT)
10+ £850.00

1 Add to basket

Ordered on demand, cancellations may incur charges, available in 2-3 weeks.
Need it sooner? Call us

RoHS Status Compliant

Also bought | Find similar

### Customers also bought...


CANARE VPC005-WC VIDEO PATCHCORD...
**£21.91**


CANARE BCJ-VWP BNC ADAPTER
**£8.76**


CANARE VPC01-WC VIDEO PATCHCORD...
**£23.00**


D-SUB 25 pin female
**£0.58**


D-SUB 25 pin male
**£0.58**


D-SUB 25 pin metal cover...
**£3.33**


CANARE MVPC005 VIDEO PATCHCORD...
**£19.73**


CANARE 32MD-ST VIDEO JACKFIELD
**£1,190.00**



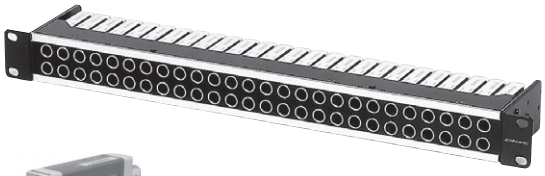
Canford Audio Limited, Crowther Road, Washington, NE38 0BW, UK
UK Sales 0191 418 1122
International Sales +44 191 418 1133
Canford Audio Limited is registered in England and Wales
Company registration no: 1385727
VAT no: GB 660116371

## 75Ω Video Patchbays

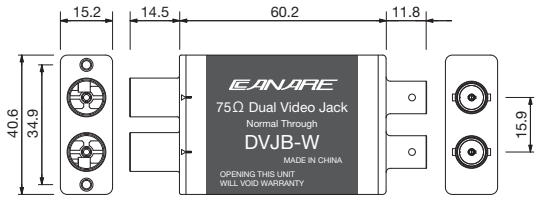
3G-ready HD-SDI video patchbays featuring Canare's uniquely-developed rotary switches.

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

★Production by order
*Colors other than black are available on custom-made basis. (See page 57)



**26DV**

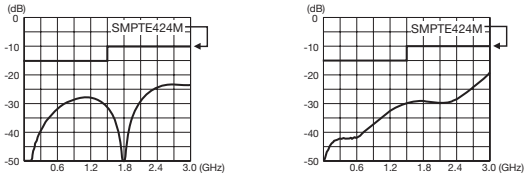



## 75Ω Dual Video Jacks

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

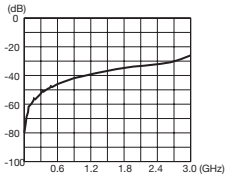
**Key Features and Benefits**

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




Normal Through | Patch Through

**Return loss for DVJB-W**




**Isolation**

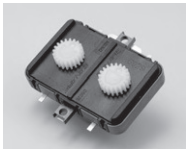
**Return Loss & Isolation**

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

# 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. |