

## Mini-WECO Video Conversion Connector

BNC (female) to Mini-WECO plug conversion adapter.

### — Key Features and Benefits

- Return Loss: 26dB or greater (~3GHz)
- Specifically designed the 32MD-ST/S
- 3G SDI, HD-SDI.
- Gold Plated Center Contacts.
- Usable with Canare 75 ohm Mid Size Video Patchbays.

**Note:** BCJ-MVP is recommended to use with Slim BNC plug.



[For inquiries about this products](#)




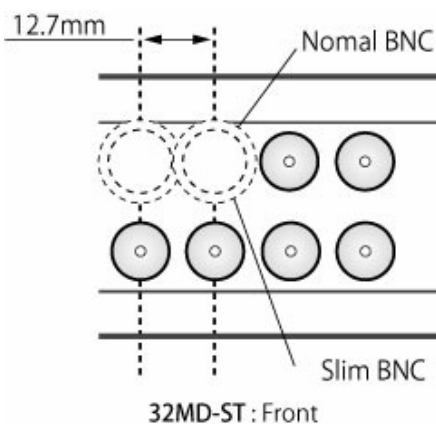
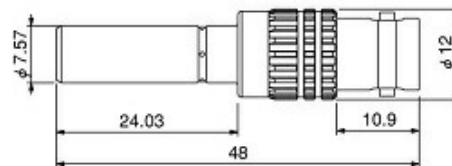
BCJ-MVP

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## // Mini-WECO Video Conversion Connector

Type	Model	Description	Standard package
	BCJ-MVP	BNC (female) to Mini-WECO plug conversion adapter	10 pcs



LEFT: Normal BNC

RIGHT: Slim BNC

# PRODUCT SPECIFICATIONS

(BCJ-MVP)

SAB278

Ver. 1.0

CANARE ELECTRIC CO., LTD

1. Scope This product specification covers the performance of Canare 75 Mini-Video patch plug to BNC adapter.

## 2. General Specifications

- (1) Product Name 75 Mini-Video patch plug to BNC adapter  
 (2) Model Name BCJ-MVP  
 (3) Nominal Impedance 75 unbalanced  
 (4) Construction As shown in Fig. BL278  
 (5) Weight Approx 13g  
 (6) Designation Stamp model name(BCJ-MVP) and brand name(CANARE) on body.  
 (7) Packaging 10pcs/package(150mmx50mmx31mm)  
 Port: BNC Port, Japanese Industrial Standard (JIS) C 5412

## 3. Rating

- (1) Operating Temperature  
 (2) Operating Humidity -40 ~ +85  
 ~ 90%

## 4. Characteristics

### 4.1 Electrics Characteristics As Shown in Table 1

Table 1

Items	Specified values	Test methods
Insulation Resistance	1000M or more	Measurement shall be made between the contacts, after an electrification time of 1min with a d.c. voltage of 1000V.
Withstanding Voltage	Without damage such as electric breakdown etc.	1500V a.c. shall be applied 1 min trip current 0.5mA. Between center contact and external contact.
Contact Resistance	Between external contact 10m or less Between center contact 10m or less	Measurement shall be made between each contact, with mating a plug and a receptacle connected. (1kHz:1mA a.c.)
Return Loss	26dB or greater (to 3.0GHz)	Measuring with 75 Ohm Termination.

### 4.2 Mechanical Characteristics As Shown in Table 2

Table 2

Items	Specified values	Test methods
Interchangeability	To be connected without any abnormality	The plug and applicable receptacle shall be connected.
Female Contact Retention Force	1.5 ~ 3.9N	Following JIS C 5412 pin gauge (Fig) shall be inserted the female contact and measurement shall be made.
Fixing Force of Contact with Stopper	No displacement more than 0.5mm	Tensile strength of 19.6N shall be applied to the axial direction.
Strength of Coupling Mechanism	Body shall not be disconnected or no deformation shall be made.	The plug and receptacle shall be connected, after which tensile strength of 245N and rotation strength of 2.45N·m shall be applied.
Mechanical Operation	Contact resistance: 10m or less.	The connector shall be inserted and withdrawn from the receptacle, which constitutes one cycle. BNC: The measurement shall be made after 5000 cycles. VIDEO: The measurement shall be made after 5000 cycles.

### 4.3 Environmental Characteristics As Shown in Table 3

Table 3

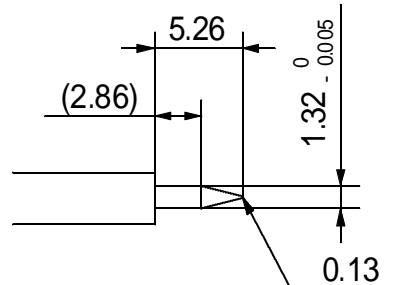
Items	Specified values	Test methods
Corrosion Resistance (Salt mist)	Contact resistance: 20m or less Appearance: By visual inspection, without noticeable rust.	The connector shall be subjected continuously to a fine mist of salt solution at a temperature of 35±2 for 48h(Salt solution concentration :5±1% by weight). Then it shall be subjected to standard atmospheric conditions. After removing the salt deposits by water, the appearance of the connector shall be checked.

### 5. Measurement conditions

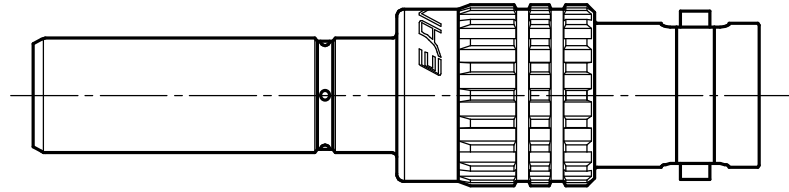
Unless otherwise specified, the standard range of atmospheric conditions for making measurements and tests are as follows: Ambient Temperature(15 to 35 °C), Relative humidity(25% to 75%), Air pressure (86kPa to 106kPa). If there is any doubt about the results, measurements shall be made within the following limits: Ambient Temperature( $20 \pm 1$  °C), Relative humidity(63% to 67%), Air pressure(86kPa to 106kPa).

Fig

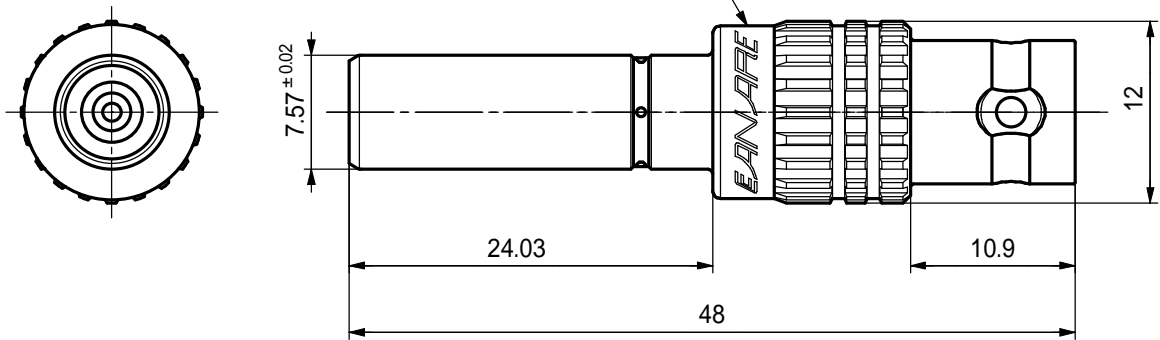
Unit : mm



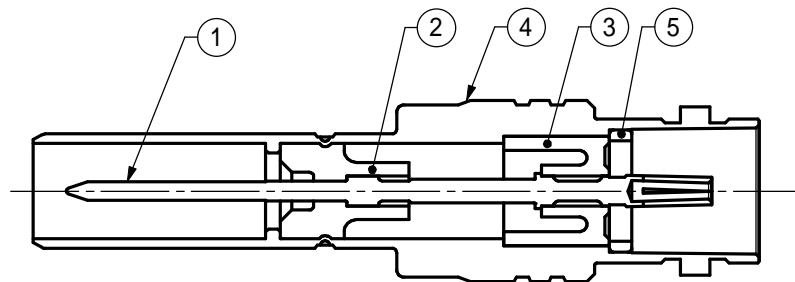
External Appearance



Stamp "CANARE BCJ-MVP"



Construction



5	Body 2	1	Brass			Nickel Plating		
4	Body	1	Brass			Nickel Plating		
3	Insulator	1	Amorphpus Polyolefin			-		
2	Insulator	1	Amorphpus Polyolefin			-		
1	Center Contact	1	Beryllium Copper			Gold Plating		
No.	Name of Parts	Pc(s).	Material				Finish	
Title	75 VIDEO PATCH PLUG TO BNC ADAPTER	PJTN 	Unit mm	Sc. 2:1	Tol. ± 0.1	Date 2002-10-21	Ver.1.1 Model BCJ-MVP	No. BL278