

# VOLAMP LTD

FIBRE OPTIC COMMUNICATIONS - DESIGN - DEVELOPMENT - MANUFACTURER

## MR-2FBU4 2xFIBRE/BNC/4xUTP MICRO HUB

### FEATURES:

- Compatible with all micro repeater family
- Metal construction for low EMC
- Small size
- Expandable
- Low cost

### TECHNICAL DESCRIPTION :

The MR-2FBU4 Is a micro hub with the following ports 2xFibre, 1xBNC, 4xUTP. All ports conform to the relevant IEEE 802.3 specification ensuring compatibility with other vendors products. An extensive set of indicators is provided for system diagnosis. The micro hubs may be expanded with any member of the family to provide larger more diverse hubs, but still with a repeater count of 1.

### SPECIFICATION:

**Dimensions :-** 121 x 131 x 23mm + connector protrusions.

**Electrical :-** 12v DC from power cube supplied.

**Environment :-** 0 to 45 o C Operational, -20 to + 85oC Storage.

**Indicator :-** Multi functional indicators are provided and conform to the following:

AUI	BNC	FIBRE	UTP	INDICATORS	
		*	*	GREEN	LINK
	*	*	*	BLINKING GREEN	RX PACKET
			*	RED	REV POLARITY
	*	*	*	BLINKING RED	TX PACKET
	*	*	*	ALTERNATE RED/GREEN	PARTITON

**Switches :-** The two expansion switches are located at the side of the unit.  
In any system ; ONE UNIT ONLY MUST HAVE BOTH SWITCHES ON.

### **Switch Functions**

#### **Front Panel**

- LEFT      The down position connects the screen of the BNC socket to the case of the unit. It is not earthed through the power supply as the supply to the 10BASE2 circuitry is floating.
- RIGHT     The down position connects a 50 Ohm termination resistor between the BNC signal pin and the BNC screen.

#### **Side Panel**

- BOTH      The down position for operation as a single unit. If in a multiple stack only one unit should have the switches down, all other units in the stack should have both switches up.

**Order Code.**  
**MR-2FBU4**

**Description.**  
**2xFO/BNC/4xUTP Micro Hub**

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