



This product is RoHS compliant.

## OMRON V750 SERIES: UHF READERS, EPC GLOBAL COMPLIANT

### Specifications:

- Operating frequency: 902.75 – 927.75MHz 920 – 928MHz
- Supported protocols: EPC Class 1 Generation 2
- Number of antenna port: Mono-Static (Transmit-Receipt-Integral) X 4 Ports
- Operating temperature: -10° to +50°F
- Protective rating: IP50 (IEC 60529)
- Power supply method: Exclusive AC Adapter
- Interface port: Ethernet, RS232C
- Dimensions (L x W x D): 9.68 x 8.5 x 1.7 (246 x 215 x 43.5mm)
- I/O Interface: 4 Inputs and 4 Outputs
- Filtering: 2 filters can be used without programming
- LED Display: 8 Operation status display, 8 Input/Output status display
- Function expandability: software upgrade, control port to expand functions

### Features:

- EPC Global Compliant
- Real Time Operating System
- High-Performance Read/Write
- Built-in Filtering functions
- Advanced Diagnostics
- RF environmental monitoring functions
- Includes AC adapter and software
- Easy to use browser-based operation interface
- Ability to upgrade protocols remotely

RoHS Compliant



| MOUSER STOCK NO.           | Omron Part No.  | Fig. | Product Description         | Price Each     |
|----------------------------|-----------------|------|-----------------------------|----------------|
| <b>653-V750-BA50C04-US</b> | V750-BA50C04-US | A    | High performance UHF Reader | <b>4847.02</b> |

### Antenna for V740 Series

|                        |             |   |                                |               |
|------------------------|-------------|---|--------------------------------|---------------|
| <b>653-V740-HS01CA</b> | V740-HS01CA | B | Antenna for Mono-Static reader | <b>519.32</b> |
|------------------------|-------------|---|--------------------------------|---------------|

### Antenna Cables for V740 Series

|                        |             |  |  |               |
|------------------------|-------------|--|--|---------------|
| <b>653-V740-A01-3M</b> | V740-A01 3M |  | Antenna Cable (3M) 1 cable per antenna | <b>360.00</b> |
|------------------------|-------------|--|--|---------------|

## OMRON V740 SERIES: UHF READERS, EPC GLOBAL COMPLIANT

### Specifications:

- Operating frequency: 902 to 928 Mhz
- Number of antenna port: 4
- Interface port: Ethernet
- I/O interface input: 2 photo coupler input 20mA max. internal resistance 360Ω
- I/O interface output: 3 open collector output 24 VED max., 20 mA max., internal resistance 360Ω
- Supplied voltage by AC adapter: 24VDC, 2.0A
- Power supply: 100-240 VAC, 50/60Hz
- Operating temperature: +32° to +104°F (0° to +40°C)
- Storage temperature: -4° to +149°F (-20° to +65°C)
- Enclosure rating: IP40
- Regulatory compliance: FCC part 15, CSA
- Dimensions (L x W x D): 12.1 x 11.3 x 1.6 (308 x 286 x 40mm)
- Weight: 3.4 lbs (1.5Kg)

### Features:

- EPC Global Compliant
- Meet retailers mandates
- Available in both Mono-Static and Bi-Static models
- Easy to use browser-based operation interface
- Ability to up-grade protocols remotely
- Unmatched performance
- Best delivered value
- Includes AC adapter and software

| MOUSER STOCK NO.           | Omron Part No.  | Fig. | Reader Type | Supported Protocols         | Price Each     |
|----------------------------|-----------------|------|-------------|-----------------------------|----------------|
| <b>653-V740-BA50C02-US</b> | V740-BA50C02-US | C    | Bi-Static   | EPC Class0/0+, Class1, Gen2 | <b>3190.00</b> |

### Antenna for V740 Series

|                        |             |   |             |   |               |
|------------------------|-------------|---|-------------|---|---------------|
| <b>653-V740-HS01CA</b> | V740-HS01CA | B | Mono-Static | Antenna for Mono-Static reader (4 max.) | <b>519.32</b> |
| <b>653-V740-HS02C</b>  | V740-HS02CA | D | Bi-Static   | Antenna for Bi-Static reader (4 max.)   | <b>658.35</b> |

### Antenna Cables for V740 Series

| MOUSER STOCK NO.       | Omron Part No. | Description                            | Price Each    |
|------------------------|----------------|--|---------------|
| <b>653-V740-A01-3M</b> | V740-A01 3M    | Antenna Cable (3M) 1 cable per antenna | <b>360.00</b> |

