



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Datasheet for 76650-0171

### General Information

<b>Part Number:</b>	76650-0171
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Radio Frequency BNC Connector Kit
<b>Description:</b>	PCB Mount BNC Vertical and Right Angle Receptacle
<b>Product Family:</b>	BNC
<b>Certificates:</b>	(Molex Parts within this kit) - EU RoHS Compliant
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

**Configuration:** RF/Coax Connectors

**Impedance:** (50 and 75) Ohm

**Connector Type:** Receptacles

#### Mounting

**Orientation:** Right Angle and Vertical

**Voltage:** 500 V(RMS)

### Product Highlights

Molex BNC connectors are small, lightweight, weatherproof miniature connectors that are the most popular connector series used in a variety of RF applications. BNC connectors are used in data networking as well as video, audio and test equipment application. Video applications such as security systems use 75 versions to match the standard system impedance. These are traditional bayonet style connectors in both 50 and 75 Ohm configurations.

### Features and Benefits

- Impedance: 50 and 75 Ohms
- Frequency Range: DC–4 GHz
- Voltage Rating: 500 Vrms
- Temperature: 65 to +165°C
- Locking: Bayonet Lock Coupling
- Durability 500 Cycles

### Applications

- Security Systems
- Consumer (General)
- Military and Broadcast
- Equipment
- Medical
- Multimedia
- Data (General)
- High-End Computer
- Storage
- Industrial Instruments
- Telecom (General)

**For additional Molex / Waldom Design and Solution Kits please go to [www.molexkits.com](http://www.molexkits.com)**

### Datasheet for 76650-0171

**Bill of Materials for Part No. 76650-0171**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
73138-5033	Taiwan	BNC 50 Ohm, Right Angle, PCB Bulkhead Receptacle	2
73131-5013	Taiwan	BNC 50 Ohm, Vertical, PCB Receptacle, White	2
73100-0080	Taiwan	BNC 75 Ohm, Right Angle, PCB Bulkhead Receptacle	2
73171-1900	Taiwan	BNC 75 Ohm, Vertical, PCB Receptacle	2
73101-0040	Taiwan	BNC 75 Ohm, Right Angle PCB Bulkhead Receptacle with Board Locks	2

**No Recommended Molex Tool for Part No. 76650-0171**