



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



RS-232 Null Modem Adapter

Model MMNM9

B+B SMARTWORX

Powered by

ADVANTECH

www.advantech-bb.com



PRODUCT FEATURES

- Interconnect two devices with similar DTE ports
- Reverse Pin 2 (Transmit Data) and Pin 3 (Receive Data)
- Connect TD to RD, DTR to DSR, and RTS to CTS
- Transfer port power from host to peripheral
- Ideal for use with port powered converters from B+B SmartWorx

Null modem adapters are used to connect two DTEs (computer, terminal, printer etc.) directly using a RS-232 serial cable. The original RS-232 standard only defined the connection of DTEs with DCEs (i.e. modems).

With a null modem adapter, the Transmit and Receive lines are cross-linked. Depending on the purpose, one or more handshake lines are cross-linked. Several wiring layouts are in use because the null modem connection is not covered by a standard. B+B SmartWorx' Null Modem adapter comes with a variety of connector options and pin outs to cover most common applications.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
MMNM9	Null Modem Adapter - DB9 Male / DB9 Male

PIN OUT DIAGRAM

MMNM9 (DB9 Male to DB9 Male)



All product specifications are subject to change without notice.
MMNM9_NullModem_3517ds