



# EasyCable

The ITS Solution for Communications Connections

## Description

EasyCables provide for connection from any RS232 device to a StreetCom communication device such as TransHub or ConnectTwo. Circuitry is included in EasyCables to allow communications signals to be summed in a way that maintains the electrical characteristics from multiple devices to multiple devices.

Each EasyCable has a RJ45 connector on one end and a device specific connector on the other end. One EasyCable is required for each device that will be connected in a system. A TransHub or ConnectTwo device is needed to connect the EasyCables together.

EasyCable

## Typical Applications

1. Combining multiple devices to one modem.
2. Providing a common point in a cabinet where all communications connections are made so a service person can easily connect to all devices in the cabinet with one connection.
3. Providing both a modem and a PC connection to one or multiple devices.

## Note

EasyCable allows summing the electrical signals associated with RS232 communication signals. It does not guarantee that signals intended for one device will not be misinterpreted by another device and cause unintended operation. Use TransHub with EasyCables when communications protocols are compatible (work together) or completely incompatible (can not be mistaken for each other). Use ConnectTwo with EasyCables when communications protocols are not compatible.

## How to Specify a New EasyCable

Any device with an RS232 interface can have an Easy Cable developed for it. To specify a new cable, simply provide StreetCom with a drawing showing an existing cable for interfacing the device with either a modem or an IBM computer. StreetCom will use this information to design the appropriate EasyCable.

## Supported RS232 Signals

TxD, RxD, CTS, RTS, DTR, DSR, CTS & GND

### A Selection of Supported Devices

THC-PC9-6	PC (9 pin)
THC-PC25-6	PC (25 pin)
THC-HAYES-4	Phone Modem
THC-3M6-4	3M C400, C800 & 750 (6pin)
THC-3M3-4	3M 562 (3 pin)
THC-MDS-4	MDS Radio Modems
THC-IFS-4	IFS Fiber Modems
THC-EPAC-4	Eagle EPAC/MARC Signal Controls
THC-EPAC-4	Eagle RMC Ramp Meter Controls
THC-LEC-4	EDI LEC Signal Monitor

All RS232 cable applications can be supported by an EasyCable. This list is a selection of devices that have been successfully interfaced using EasyCables. If you do not see the device you are interested in applying EasyCable to on this list, it can easily be added.

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