

# CCTV/CATV Baluns

## Connect-IT 330 CATV Baluns



*Why use expensive and difficult-to-manage coax cabling when you can use inexpensive twisted-pair?*

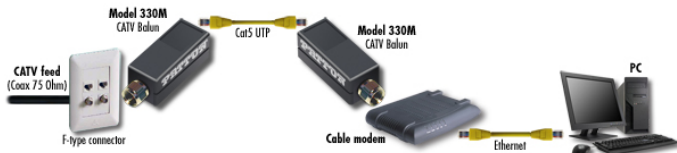
### Overview

Pattons 330 Series CATV Baluns enable one CATV, VHF, and FM video signal to be transmitted via one twisted-pair cable in a point-to-point connection. The CATV balun saves the cost of installing expensive and bulky coax cable and is a smart, fast way of connecting RF video equipment to TVs, monitors, and other RF equipment.

### Features

- Communicate over existing telephone lines or other twisted pair media
- Connect twisted pair using R-J45 or terminal block
- Distances up to 328 feet (100 meters) over Cat5 cable.

### Applications



# Specifications

**UTP:** 24 gauge or lower, twisted pair

**Impedance:** 100 Ohm

**Pins:** 7 & 8

**F Connector:** Impedance: 75 Ohm

**Bandwidth:** 5 to 862 MHz

**Insertion Loss:** Less than 3 dB (5 dB max. for CATV 2-27)

**Return Loss:** More than 18 dB from 10 to 862 MHz

**Common mode rejection:** More than 20 dV from 40 to 862 MHz

**Max. Distance:** 197 feet (60 meters) over Cat5; 328 feet (100 meters) with amplifier