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# CCTV/CATV Baluns

## Connect-IT 330 CATV Baluns



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

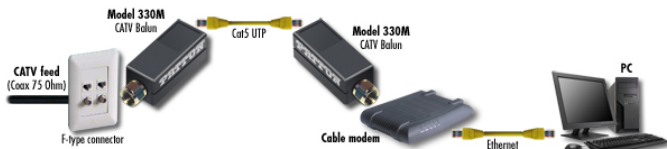
### Overview

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

# Ordering

#	Model #	Description	Availability
1	330F	CATV BALUN FTYPE MALE TO RJ45 JACK, WIRING 8+/7-	Contact us for Availability
2	330MP	CATV BALUN PAL MALE TO RJ45 JACK, WIRING 8+/7-	Contact us for Availability
3	331F	CATV BALUN FTYPE FEMALE TO TOOLESS IDC W/COVER	Special Order
4	331FP	CATV BALUN PAL FEMALE TO TOOLESS IDC W/COVER	Special Order
5	331M	CATV BALUN FTYPE MALE TO TOOLESS IDC W/COVER	Special Order
6	331MP	CATV BALUN PAL MALE TO TOOLESS IDC W/COVER	Special Order

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing. Contact us (/howtobuy/)
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	for availability and pricing. Contact us (/howtobuy/)
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	for availability and pricing. Contact us (/howtobuy/)
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	for availability and pricing.

SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR2 (/support/support-warranty.asp)	2 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR3 (/support/support-warranty.asp)	3 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR4 (/support/support-warranty.asp)	4 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR5 (/support/support-warranty.asp)	5 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-NETENG-HOUR (/support/support-professional.asp)	Network technician hour rate for pre-config services, after hours support, etc.	Contact us (/howtobuy/) for availability and pricing.

## Related Products

Audio Video Baluns ([/products/product\\_detail.asp?id=367](/products/product_detail.asp?id=367))  
CATV Passive Baluns ([/products/product\\_detail.asp?id=361](/products/product_detail.asp?id=361))  
CCTV Passive Baluns ([/products/product\\_detail.asp?id=362](/products/product_detail.asp?id=362))

## Backgrounders

FiberPlex Capabilities Guide  
([/backgrounders/FiberPlex\\_Capabilities\\_Statement.pdf](/backgrounders/FiberPlex_Capabilities_Statement.pdf)) October 6, 2017

## Data Sheets

Patton Product Life Cycle Color Codes (</datasheet/Life-Cycle-Availability-Codes.pdf>) April 24, 2015

## Product & Solution Guides

Enterprise Networking Products Guide (</guides/07MENTNET-PG-lo.pdf>) November 10, 2010

## User Manuals & Configuration Guides

BroadSoft Configuration Guide for SmartNode SmartWare  
([/manuals/BroadSoft\\_PartnerConfigGuide\\_Patton\\_SmartNode.pdf](/manuals/BroadSoft_PartnerConfigGuide_Patton_SmartNode.pdf)) December 2, 2013

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