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CCTV/CATV Baluns

Connect-IT 330 CATV Baluns



Connect \Leftrightarrow IT

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

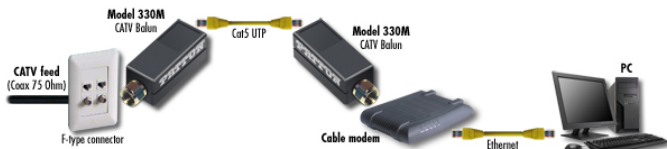
Overview

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)
CATV Passive Baluns (/products/product_detail.asp?id=361)
CCTV Passive Baluns (/products/product_detail.asp?id=362)

Backgrounders

FiberPlex Capabilities Guide (/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) December 2, 2013

Company (/company/)

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- > Blog (https://blog.patton.com)

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Unified Communications

- > VoIP Gateways (/voip-gateway/#products)
 - > VoIP Routers (/voip-router/#products)
 - > VoIP IADs (/voip-iad/#products)
 - > SIP eSBCs (/session-border-controller/#products)
 - > VoIP Appliances (/ip-pbx/#products)
 - > SS7 Media Gateways (/ss7-gateway/#products)
- #### Software and Cloud

Connectivity

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- > Fiber Serial DataCom (RS-232/422/530/188C) (/products/network-connectivity/#27)
- > Ethernet Over Fiber (/products/network-connectivity/#23)
- > Multiplexers & Sharing Devices

- > Virtual SBC (</virtual-sbc/#products>)
- > Virtual Access Router (</virtual-access-router/#products>)
- > VPN Server (</vpn-server/#products>)
- > IPv6 to IPv4 Network Gateway (</network-gateway/#products>)
- > Intelligent Edge Orchestration (</intelligent-edge-orchestration/#products>)
- > NFV & SDN (</nfv/#products>)
- Network Access
- > Ethernet Extenders (</ethernet-extender/#products>)
- > PoE Products (</poe/#products>)
- > xDSL Products (</xdsl/#products>)
- > Routers (</router/#products>)
- > Dial-Up Access (</dial-up/#products>)
- Sunset Products (</products/sunset-products.asp>)
- (</products/network-connectivity/#12>)
- > Fiber Telecom (T1/E1/PRI, Analog and ISDN) (</products/network-connectivity/#28>)
- > Pro AV Live and Media Broadcast Fiber Systems (</products/network-connectivity/#29>)
- > SFP (Small Form Pluggable) Modules and Kits (</products/network-connectivity/#30>)
- > Fiber Alarming, Notification, Relay and Control (</products/network-connectivity/#24>)
- > Other Network Extenders (</products/network-connectivity/#13>)
- > Defense/Security Fiber Communications (</products/network-connectivity/#22>)
- > Baluns (</products/network-connectivity/#3>)
- > Surge Protectors & Opto-Isolators (</products/network-connectivity/#15>)
- > DataTaps, Testers, Adapters, Rack Kits (</products/network-connectivity/#7>)
- > Interface

Converters
(/products/network-connectivity/#10)
> Fiber Rack and Enclosure Systems
(/products/network-connectivity/#25)
> Fiber Repeaters and Wavelength Division Multiplexers (WDM)
(/products/network-connectivity/#26)
> Waveguide RF Filters
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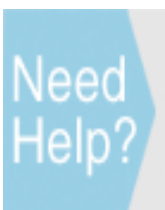
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Special Projects Group (SPG)

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