



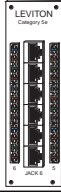



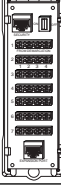
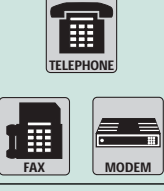

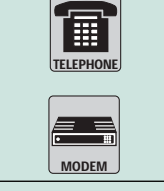

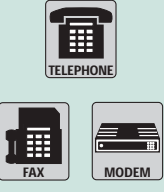

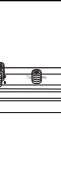
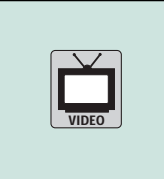
# Structured Media™ Panels/Modules

## PRE-CONFIGURED STRUCTURED CABLING PANELS

Route telephone, data and video services throughout your home or office with one simple panel. Leviton's Pre-configured Structured Cabling Panels combine some of our most popular voice, data and RF modules to create an economical one-stop home and office media distribution point. See the following pages for available configurations. Some modules are available in expansion styles to fill unused panel slots (see this page). Choose the pre-configured combination that best meets your needs, and enhance with expansion boards or stand-alone brackets.

### Panel Components & Expansion Boards





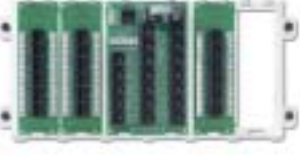
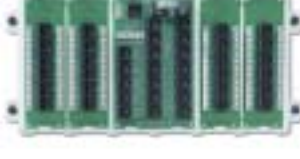
Pre-configured Panels are assembled at the factory and will contain one or more of the following distribution modules.

Components	Application	Features	Available As
 <p><b>1x9 Bridged Telephone Board</b></p> <p>Basic telephone distribution</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 9 locations</li> <li>Connect up to 9 separate telephones per line</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Category 5e Voice &amp; Data Board</b></p> <p>Basic home networking</p>		<ul style="list-style-type: none"> <li>Patch phone or data connections to 6 locations</li> <li>Combine with a TLDM, key system, or network hubs for additional applications</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns and 6 CAT 5e RJ-45 ports*</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Patching Board</b></p> <p>Expanded 4-line telephone distribution</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 7 locations</li> <li>Printed circuit board module</li> <li>One incoming 4-pair 110-type IDC punchdown and 7 outgoing RJ-45 jack connections</li> <li>Combine with a Category 5e Board to route telephone to remote locations</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Security Board</b></p> <p>Route simple telephone with security interface</p>		<ul style="list-style-type: none"> <li>Bridge up to 4 telephone lines to 6 locations</li> <li>Connect up to 6 separate telephones per line</li> <li>Connect to security system</li> <li>Printed circuit board module</li> <li>4-pair 110-type IDC punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Stand-alone module with bracket</li> </ul>
 <p><b>DSL Filter Board</b></p> <p>Filters DSL signal from telephone line</p>		<ul style="list-style-type: none"> <li>Filters DSL signal from phone line before distribution throughout a home or office.</li> <li>Eliminates need for individual filters at each wallplate.</li> <li>Use with any phone distribution module.</li> <li>Printed circuit board module with RJ-45 jack and 110 punchdowns</li> </ul>	<ul style="list-style-type: none"> <li>Stand-alone module with bracket</li> <li>Expansion board without bracket</li> </ul>
 <p><b>Telephone Line Distribution Module (TLDM)</b></p> <p>Enhanced telephone distribution</p>		<ul style="list-style-type: none"> <li>19 multi-line telephone connections in combinations of 2 or 4 lines</li> <li>Bridge "Line 1" service to 12 locations and 4-line service to 8 locations</li> <li>Connect to CAT 5e Voice &amp; Data Board(s) or additional panels for more connections and easier adds/moves/changes</li> <li>Independent RJ-45 jack and punchdown security interface to accommodate alarm systems</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel ONLY</li> </ul> <div style="text-align: right;"> <p>Sold by:</p>  <p><b>TWAcomm.com</b>  <a href="http://www.TWAcomm.com">http://www.TWAcomm.com</a>                      Toll Free: (877) 892-2666</p> </div>
 <p><b>Video Splitters</b></p> <p>Basic video distribution</p>		<ul style="list-style-type: none"> <li>Cable TV or off-air antenna signals</li> <li>4-way or 6-way RF Splitter</li> <li>Die-cast housing</li> <li>Available in 1GHz and 2GHz models</li> </ul>	<ul style="list-style-type: none"> <li>Part of a Pre-configured Panel</li> <li>Stand-alone module with bracket</li> </ul>

## PRE-CONFIGURED STRUCTURED CABLING PANELS — FULL SIZE

Leviton has a Pre-Configured Structured Cabling Panel to fit any application. See opposite for explanations of individual boards. Use the Panels as they are, expand with easy snap-in Expansion Boards, or combine with other Panels or Stand-alone Modules to create a Structured Media solution tailored to your specific needs. Ideal for all installations, from basic to high-end. The new non-conductive synthetic bracket features a rugged construction and a “shelf-style” design with enhanced cable management and easier installation. Boards quickly snap on and off for easy adds/moves/changes.

### Pre-Configured Structured Cabling Panels

	Cat No.	Description	Consists of:
	47606-BTV	<b>A</b> –Basic Telephone and Video Panel (BTV)	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 6 locations</li> </ul>
	47606-BNP	<b>B</b> –Basic Home Networking Plus Panel (BNP)	<ul style="list-style-type: none"> <li>• (1) Telephone Patching Board</li> <li>• (1) Category 5e Voice &amp; Data Module</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• 6 4-line telephone connections</li> <li>• Route video to 6 locations</li> <li>• Patch data or telephone service to 6 remote locations</li> <li>• Comes with 6 8-inch 8p8c Flat Patch Cords</li> </ul>
	47606-AHT	<b>C</b> –Advanced Home Telephone & Video Panel (AHT)	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (1) Category 5e Voice &amp; Data Board</li> <li>• (1) 6-way 2GHz Video Splitter</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Route video to 6 locations</li> <li>• Patch data or telephone service to 6 remote locations</li> <li>• Comes with 6 8-inch 8p8c Flat Patch Cords</li> </ul>
	47603-PTE	<b>D</b> –12-Port Structured Media Panel (12P)	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (2) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 12 remote locations</li> <li>• Comes with 12 8-inch 8p8c Flat Patch Cords</li> </ul>
	47603-18P	<b>E</b> –18-Port Structured Media Panel (18P)	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (3) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 18 remote locations</li> <li>• Comes with 18 8-inch 8p8c Flat Patch Cords</li> </ul>
	47603-24P	<b>F</b> –24-Port Structured Media Panel (24P)	<ul style="list-style-type: none"> <li>• (1) Telephone Line Distribution Module</li> <li>• (4) Category 5e Voice &amp; Data Boards</li> <li>• 19 multi-line telephone connections (in various combinations of 2 or 4 lines)</li> <li>• Patch data or telephone service to 24 remote locations</li> <li>• Comes with 24 8-inch 8p8c Flat Patch Cords</li> </ul>

Full-size panel dimensions: 6.25"H.x 13.06"W.x 2.50"D.

For detailed features and dimensions, please consult individual specification sheets at [www.levitonvoicedata.com](http://www.levitonvoicedata.com)

## PRE-CONFIGURED STRUCTURED CABLING PANELS — COMPACT SERIES

Leviton's simple solution for basic telephone and video distribution. These compact panels, with their space-saving profile provide simple bridged telephone to 9 locations and 1GHz video to four or six locations, respectively.

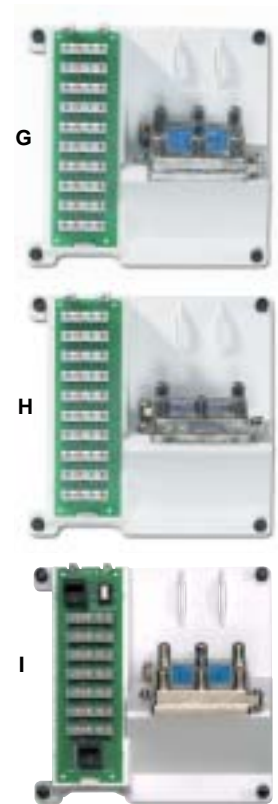
Compact Series Panels are ideal for MDUs and apartments, installations with space constraints and/or installations where budget is the driving concern.

### Pre-Configured Structured Cabling Panels—Compact Series

Cat No.	Description	Consists of:
47603-1G6	<b>G</b> —COMPACT SERIES Telephone & 6-Way Video	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 6-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 6 locations</li> </ul>
47603-1G4	<b>H</b> —COMPACT SERIES Telephone & 4-Way Video	<ul style="list-style-type: none"> <li>• (1) 1x9 Bridged Telephone Board</li> <li>• (1) 4-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 9 locations</li> <li>• Route video to 4 locations</li> </ul>
47603-TSV	<b>I</b> —COMPACT SERIES Telephone Security & 6-Way Video	<ul style="list-style-type: none"> <li>• (1) Telephone SecurityBoard</li> <li>• (1) 6-way 1GHz Video Splitter</li> <li>• Bridge up to 4 telephone lines to 6 locations</li> <li>• RJ-45 Port for Security Interface</li> <li>• RJ-45 Expansion Port</li> <li>• Route video to 6 locations</li> </ul>

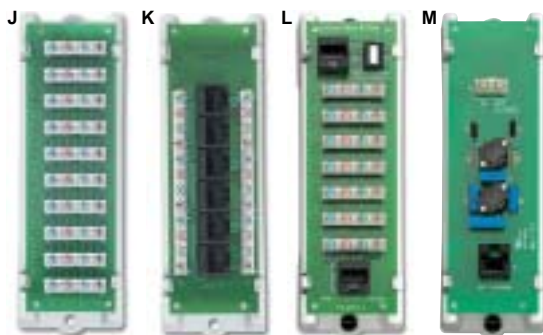
Compact panel dimensions: 6.5"H.x 6.5"W.

For detailed features and dimensions, please consult individual specification sheets at [www.levitonvoicedata.com](http://www.levitonvoicedata.com)

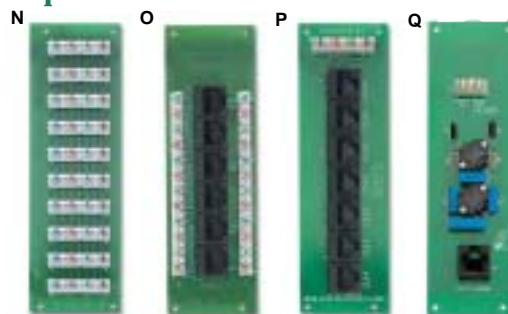


## STAND-ALONE MODULES AND EXPANSION BOARDS

### Stand-Alone Modules



### Expansion Boards



### Stand-Alone Modules

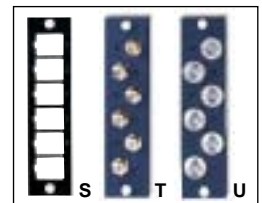
Cat. No.	Description—Module w/Bracket
47689-00B	<b>J</b> —1x9 Bridged Telephone Module
47605-C5B	<b>K</b> —Category 5e Voice and Data Module
47609-TSV	<b>L</b> —Telephone Security Module
47616-DSB	<b>M</b> —DSL Filter Module
Available only as part of a Pre-configured panel	Telephone Line Distribution Mode

### Expansion Boards

Cat. No.	Description—Module w/Bracket
47603-110	<b>N</b> —1x9 Bridged Telephone Board
47603-C5	<b>O</b> —Category 5e Voice and Data Board
47609-EMP	<b>P</b> —Telephone Patching Expansion Board
47616-DSF	<b>Q</b> —DSL Filter Board
Available only as part of a Pre-configured panel	Telephone Line Distribution Mode

### Multimedia Adapter Bracket and Mounting Plates

Create a custom audio/video, copper or fiber mini-panel in your Structured Media Center with the Multi-Media Adapter Bracket. The bracket supports your choice of two 6-pack mounting plates, and snaps easily into any of Leviton's Structured Media Centers with push-pins. Pre-loaded mounting plates are available for BNC and F-connectors, or create a custom configuration with unloaded 6-pack QuickPort plates. QuickPort plates accept any combination of the following QuickPort adapters or connectors: BNC, F-Connector, ST, FC, SC and MT-RJ Fiber Optics, Banana Jacks, Speaker Binding Posts, RCA, S-Video, Voice Grade, and Category 5, 5e or 6. Bracket mounts vertically or horizontally.



Cat No.	Description
47612-MMA	<b>R</b> —Multimedia Bracket
5F100-BNC	<b>S</b> — BNC Mounting plate, 6-pack, loaded
5F100-6VF	<b>T</b> — F-Connector Mounting plate, 6-pack, loaded
5F100-6QP	<b>U</b> — QuickPort Mounting plate, 6-pack, unloaded

### Accessories

Cat. No.	Description
42400-8FG	8-Conductor Flat Telephone Patch Cord, 8' long ((1 each)

## SURGE-PROTECTIVE AND STANDARD AC POWER MODULES AND J-BOX KITS

Surge AC Power Module or J-Box kit models add clean safer power to the Series 280 or 420 Structured Media Enclosures (Series 140 enclosure only accepts J-Box kits). Two non-surge protected AC Power Module or J-Box kit units offer an economical method of providing power to distribution modules and, except for built-in surge suppression, offer the same features as the respective surge-protected units. In extremely excessive surge conditions, an alarm will sound to warn the user that power is unprotected. Consists of one (J-Box kit) or two (AC Power Module) 15 Amp Hospital Grade duplex receptacles housed in a powder-coated steel enclosure. They feature EMI/RFI filtering and meet UL 1449 standards.

### FEATURES

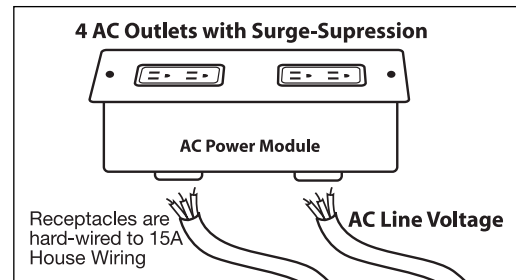
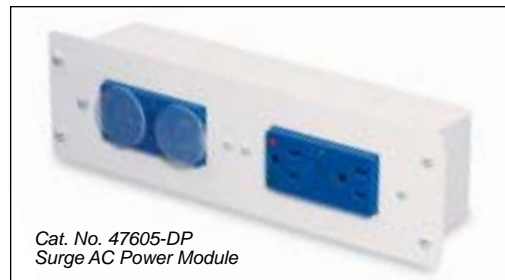
- Hospital grade surge-protected units provide greater protection for line-voltage modules, including multi-stage defense (L-N, L-G, N-G)
- Non-surge suppressor units provide an economical method of providing power to active components
- Available with one (J-Box kits) or two (AC Power Modules) 15 Amp duplex receptacles
- Safety clips protect outlets against dust, dirt and debris
- One (J-Box kits) or two (AC Power Modules) cable knock-outs on bottom for power service connection
- Saves valuable real estate by mounting on outside of Structured Media Enclosures
- Meets UL 1449 standards

### AC Power Modules for 280 and 420 Series Structured Media Enclosures

Specifications	
<b>Dimensions:</b>	.....10"H.x 2.8"W.x 2.3"D.
<b>Standards Compliance (Surge model only):</b>	...UL 1449
<b>Input:</b>	.....2 @ 15A 120V AC

### AC Power Modules for 280 and 420 Series Structured Media Enclosures

Cat No.	Description
47605-DP	Surge AC Power Module, Two Duplex Receptacle
47605-NDP	Non-Surge AC Power Module, Two Duplex Receptacles



Cat. No. 47605-ACN  
Non-Surge J-Box Kit

### J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

Specifications	
<b>Dimensions:</b>	.....3"H.x 2"W.x 2.5"D.
<b>Standards Compliance (Surge model only):</b>	...UL 1449
<b>Input:</b>	.....1 @ 15A 120V AC

### J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

Cat. No.	Description
47605-ACS	Surge J-Box Kit, One Duplex Receptacle
47605-ACN	Non-Surge J-Box Kit, One Duplex Receptacle



Cat. No. 47605-PSB  
Universal Mini DC Power Supply

### UNIVERSAL MINI DC POWER SUPPLY

This compact unit is designed specifically to fit into Leviton's Series 140, 280 and 420 Structured Media enclosures. It is compatible with any incoming AC voltage in the range of 90 to 264V. Three 12VDC connectors provide up to 10 watts of power while providing short circuit overload and surge protection as well as EMI/RFI filtering to connected equipment. Three DC cables are included to connect modules to the power supply. (UL 1950, cULus listed, NOM, ACA and China)

### Universal Mini Power Supply

Cat. No.	Description
47605-PSB	Universal Mini DC Power Supply



# Media Center Power



## Snap-In Modules for Structured Media Enclosure Surge Module Bracket

Leviton's snap-in surge protective modules provide customized surge protection for all low-voltage communication and data lines in the Structured Media Enclosure. All Series 5950 modules can snap-in to the Cat. No. 3950-BKT Surge Module Bracket. The bracket, allows you to add and change modules to fit specific protection needs. Choose from a selection of protection modules for Digital Satellite Systems, Ethernet systems, Cable TV, Telephone/Fax/Modem and DSL/ADSL equipment. All devices attached to the modules are covered under the Leviton \$50,000 Connected Equipment Warranty.



Snap-In Surge Protection Modules

Cat No.	Description
Beige—5951-SA Gray—5951-SAT Ice—5951-SAC	<b>Satellite System/Cable TV Protection Module</b> —4 Standard F-connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec
Beige—5952-ET Gray—5952-ETH Ice—5952-ETC	<b>Ethernet Protection Module (10 Base-T Applications)</b> —Two RJ45 connectors to protect two pair of transmit/receive lines. 10-Amp automatic Resettable PTC fuses. Max. operating voltage: 16.6V DC. Breakdown Voltage Range: 2.62-19.2 Volts/Sec
Beige—5953-PC Gray—5953-PCG Ice—5953-PCC	<b>Cable TV System Protection Module</b> —Two Standard F-type connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec
Beige—5954-AT4 Gray—5954-PT4 Ice—5954-CT4	<b>Telephone/Fax/Modem Protection Module</b> —Three RJ11, 4-wire/2-pair connectors. 3-Position splitter allows for connection to a common line. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec
Beige—5955-DT Gray—5955-DTG Ice—5955-DTC	<b>DSL/ADSL Subscriber Equipment Protection Module</b> —Three RJ11, 4-wire/2pair connectors. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec

### FEATURES

- Interchangeable modules accommodate changing surge protection needs
- All modules easily snap in to the Cat. No. 3950 Surge Module Bracket
- User-friendly design—no wiring required
- Telephone/Fax/Modem Module acts as a splitter, allowing the connection of two devices

## DC Power Distribution Module

The DC Power Distribution Module is a unique solution to the need for high quality electrical power for the separate DC-powered components in the Structured Media Enclosure. This module reduces clutter and opens-up space in the Structured Media Enclosure by eliminating the need for multiple DC transformers. Powered by a single DC power supply, the Power Distribution module provides fully-regulated 12 VDC power for up to 6 devices.



### FEATURES

- Contains six removable double screw terminal jacks.
- One F-type output for use with cable amplifiers.
- Each jack utilizes slot-drive screws.
- Shipped with 6 wires containing 18 gauge connectors and 2.1 mm power plugs.
- Fully regulated (12 volt DC regulated output).

## DC Power Distribution Module

Specifications
<b>Input:</b> .....110V AC
<b>Output:</b> .....Provides 13V DC power for up to 6 devices 1500mA
<b>Compliance (Surge model only):</b> .....UL 1449
<b>Dimensions:</b> .....6.58"H.x 2.5"W.x 1.5"D.
<b>Wire Gauge:</b> .....Up to 12 gauge

## DC Power Distribution Module

Cat No.	Description
48212-DCS	DC Power Distribution Module

# Networking and Internet Sharing

## FEATURES

- Connects up to 4 devices directly (up to 253 computers via a series of cascaded devices) to the Internet using a single shared high-speed DSL, cable modem, or Satellite connection
- Allows fast Internet access at up to 100 Mbps
- Permits creation of a private high-speed home area network (HAN) or local area network (LAN) in small office/home office (SOHO) environments for all connected computers with its fast, integral 10/100Mbps auto-sensing Ethernet ports
- High performance suitable for demanding home office and telecommuting applications, including sharing of high-speed and high-capacity devices such as storage devices and back-up systems.
- Network Address Translation technology (NAT) creates a firewall that securely cloaks the private network from outside access
- Pass-through IPSEC and ISAKMP protocols allow attached LAN users to implement secure Virtual Private Network (VPN) communication applications on their PC's.
- Built-in DHCP server for easy setup and allocation of IP addresses on the LAN.
- Connections are made by running cable from desired locations to a Category 5e Voice and Data Module (either a stand-alone module page 16, or one of the units in the Pre-Configured Structured Cabling Panels page 17). From there, Category 5 or 5e patch cord can be used to connect the Gateway to the Category 5e Module.
- Network protocols: TCP/IP, DHCP, DNS, NAT, TFTP, HTTP, PPOE. Not PPOA



Cat. No. 47611-5PT



Cat. No. 47611-8PT

## STRUCTURED MEDIA™ MODULES—INTERNET CONNECTION SHARING & MULTI-LOCATION NETWORKING

### 10/100 Internet Gateway Cable/DSL Broadband Router\*

Leviton's 10/100Mbps Internet Gateway (a.k.a router) allows multiple users to securely share a single, protected high-speed Internet connection.

### 10/100 Base-T Switches\*

At 10/100Mbps speeds, these units are excellent choices for networking PC's to meet a wide range of residential needs such as sharing files, printers and other peripherals.

\*Networked PC's and peripherals require compatible networking cards or adapters and associated software.

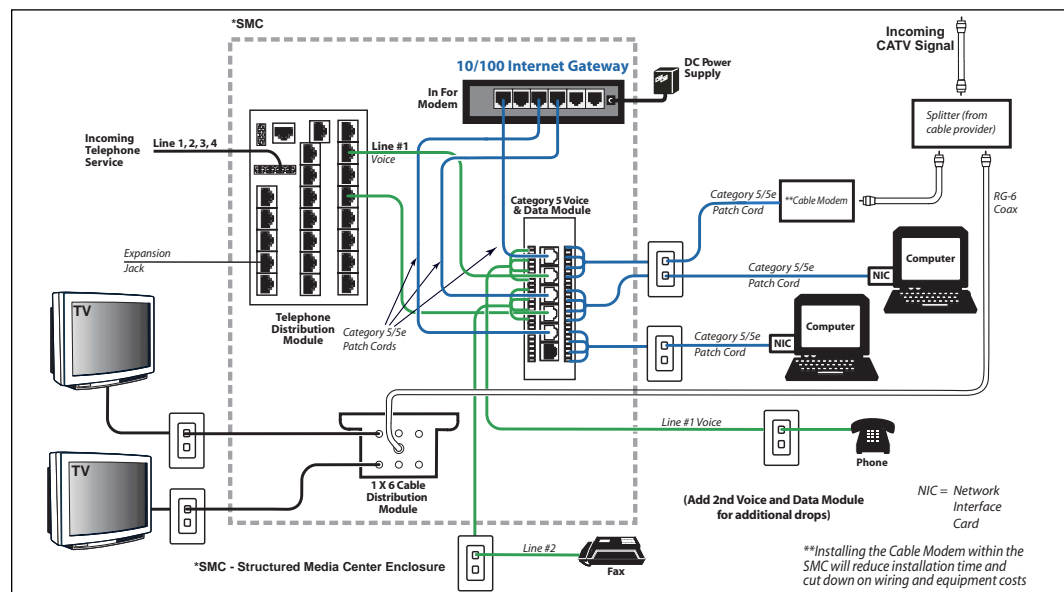
### 10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

Specifications	10/100Base-T 5-Port (or 8-Port) Switches	10/100 Base-T Internet Gateway Router
Data Transfer Rate	10/100 Mbps	
Connectors	5 (or 8) ports, 1 AC Power Adapter Jack	4 LAN ports, 1 WAN port, 1 Uplink port, 1 AC Power Adapter Jack
Cabling Requirements	Standard Cat 5/5e UTP	
LED Indicators	One Power Indicator, 5 (or 8) Link/Activity and 5 (or 8) 100Mbps	One Power Indicator, one Diagnostic Indicator, five Link/Activity, five FDX/Col and five 10/100Mbps
Power Supply	12VDC, 1000mA	
Dimensions	5.85" x 3.2" x 1.03"	5.54" x3.92" x 1.05"
Standards Compliance	IEEE 802.3 10 Base-T Ethernet IEEE 802.3u 100 Base-TX Fast Ethernet, and FCC Class B	

### 10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

Cat. No.	Description
47611-5PT	10/100 Base-T 5-Port Ethernet Switch, with Power Adapter
47611-8PT	10/100 Base-T 8-Port Ethernet Switch, with Power Adapter
47611-GT4	10/100 Base-T Internet Gateway Router, with Power Adapter

## Cable Distribution—Modem Outside the Structured Media Center



Cat No. 47611-GT4  
10/100Mbps Internet  
Gateway Router