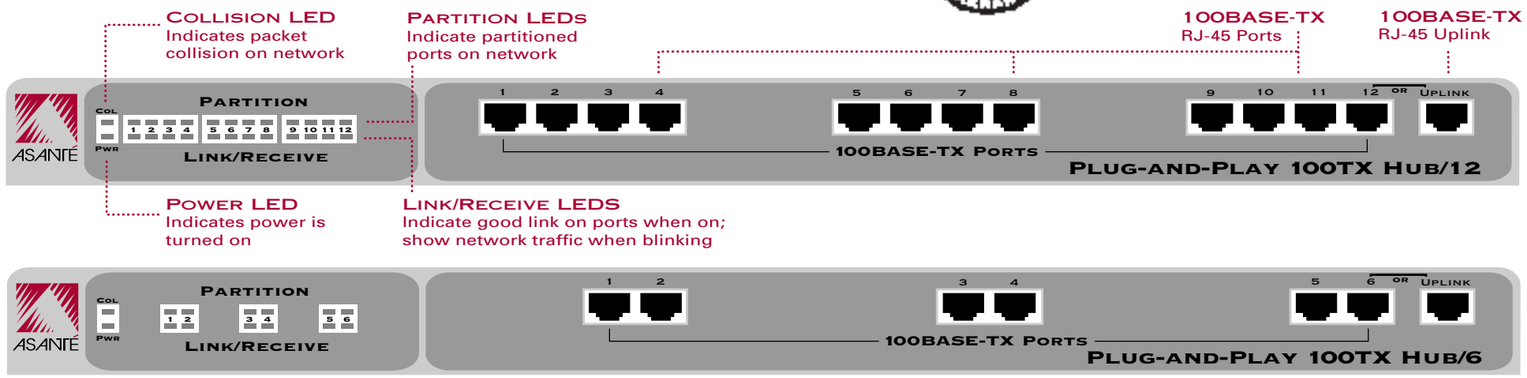
Plug-and-Play 100TX Hub



Note: Illustrations in this FastGuide show the Plug-and-Play 100TX Hub/12, the information also applies to the Plug-and-Play 100TX Hub/6.

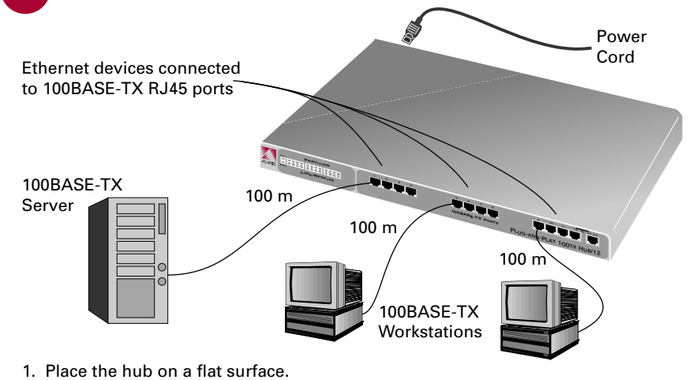
1 Package Contents

You should have:

- 1-Plug-and-Play 100TX Hub
- 2-Rack Mounting Brackets
- 6-Screws, 10 x 32 x 0.05"
- 1-Power Cord
- 1-FAST Guide (this card)
- 1-Asanté Family Brochure

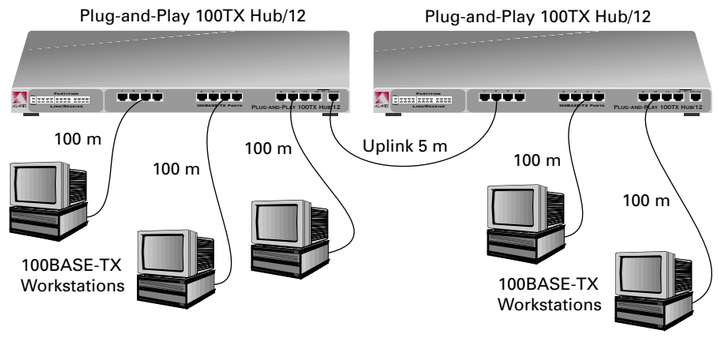
If you are missing anything, contact Asanté Technical Support.

2 Setting Up Hub Configuration



1. Place the hub on a flat surface.
2. Connect Power Cord and turn on Power Switch on rear panel of hub.
3. Connect Category 5 UTP cable into 100BASE-TX RJ45 port on front of the hub.
4. Connect the other end of the Category 5 UTP cable to the 100BASE-TX Ethernet device (100 meters maximum).
   Note: With both ends connected, the Hub's Link/Receive LED for port should be on when the 100BASE-TX Ethernet device is turned on.

3 Cascading a Second Hub



1. If demand for ports increases, another hub needs to be cascaded.
2. Connect Category 5 UTP cable (maximum 5 meters) from Uplink port in the first hub to any 100BASE-TX RJ-45 port in the second hub.
   Note: A maximum of two hubs can be cascaded in a collision domain.

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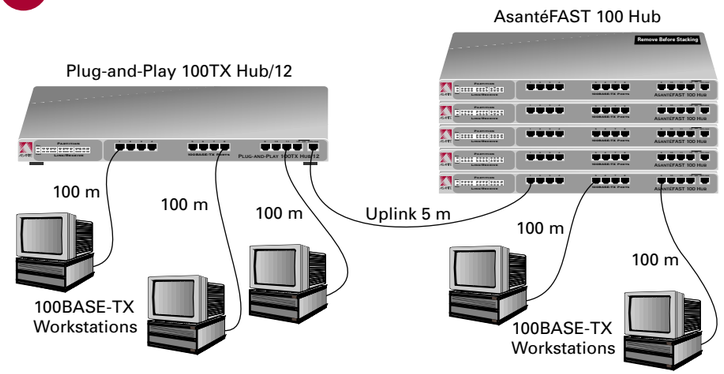
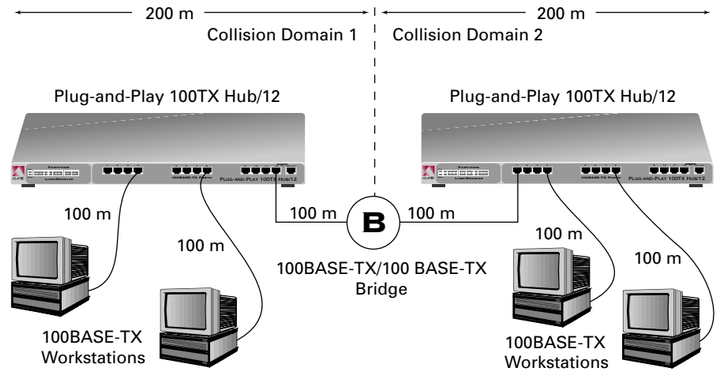
4 Cascading a Stacked Hub Configuration



1. If demand for ports increases, another hub or hub stack needs to be cascaded.
2. Start with a single hub configuration for the second hub.
3. Connect Category 5 UTP cable (maximum 5 meters) from the Uplink port in the first hub to any 100BASE-TX RJ45 port in the second hub.
4. If demand for ports increases beyond this configuration, add hubs to the stack as described in the documentation for the "AsantéFAST 100 Hub."

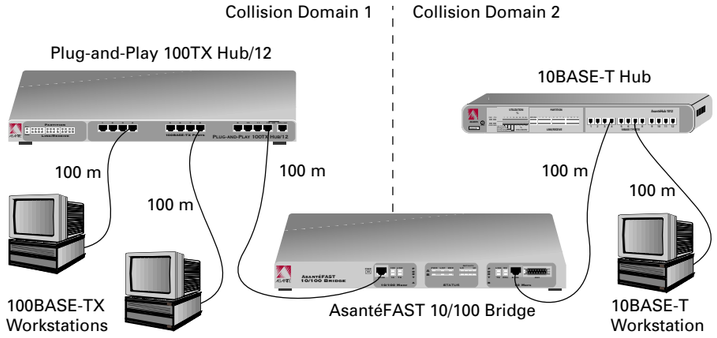
5 Networks Larger Than 205 Meters in Diameter



1. Networks larger than 205 meters in diameter require the use of another internetworking device (i.e. 100BASE-TX bridge, 100BASE-TX switch, or router).
2. Connect Category 5 UTP cable (up to 100 meters) from RJ45 port on the hub to an internetworking device.

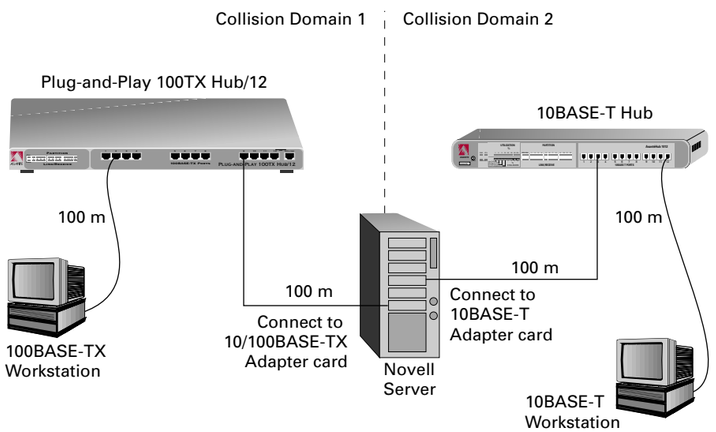
FAST Guide

6 Integrating into Existing Networks Using a Bridge



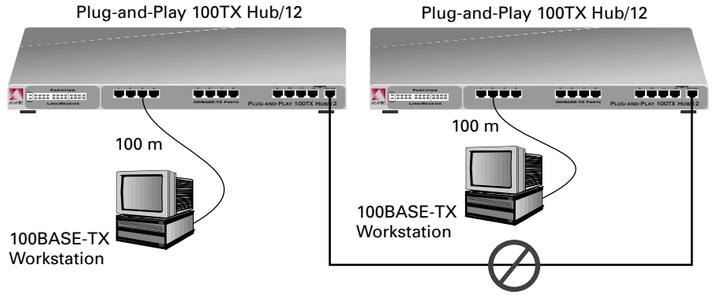
1. Integrating existing 10BASE-T networks to 100BASE-TX networks can be accomplished by using an AsantéFAST 10/100 Bridge.
2. Connect Category 5 UTP cable (up to 100 meters) from a regular port on the 100BASE-TX hub to the AsantéFAST 10/100 Bridge.
3. Connect another Category 5 UTP cable from the AsantéFAST 10/100 Bridge to a 10BASE-T hub port.

7 Integrating into Existing Networks Using a Novell Server

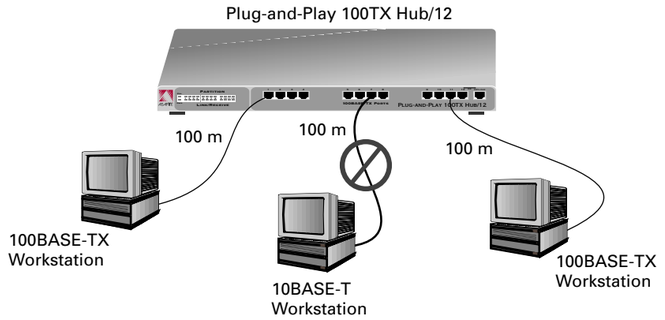


1. Integrating existing 10BASE-T networks to 100BASE-TX networks can be accomplished by using a Novell server as a software router.
2. Connect Category 5 UTP type cable (up to 100 meters) from a 100BASE-TX RJ45 port on the hub to the 10/100BASE-TX adapter card installed in the Novell server.
3. Connect another Category 5 UTP cable from a 10BASE-T adapter card installed in the same Novell server to a 10BASE-T hub.

8 Invalid Configurations

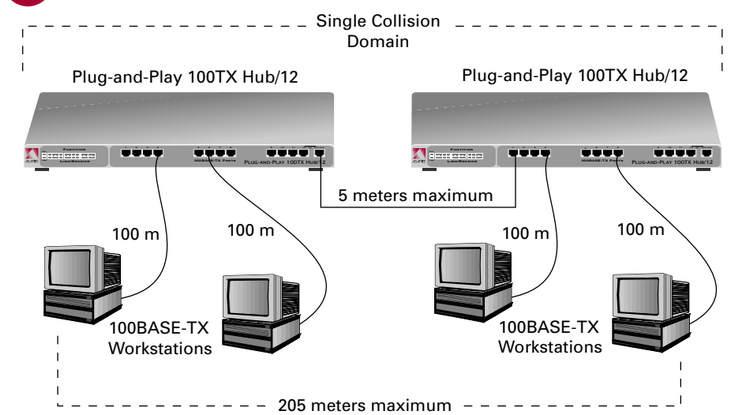


- Do not cable from 100BASE-TX Uplink port to 100BASE-TX Uplink port of another hub.



- Do not cable from 100BASE-TX RJ45 port to a 10BASE-T Workstation.

9 100BASE-TX Rules for Collision Domains



- The maximum distance between two nodes cannot exceed 205 meters without bridging.

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Technical Specifications

100BASE-T Support:	100TX Hub/6 - six 100BASE-TX ports 100TX Hub/12 - twelve 100BASE-TX ports
Network Operating Systems Supported:	Novell NetWare, Novell NetWare Lite, Microsoft Windows 95, Microsoft Windows for Workgroups, Microsoft Windows NT, Microsoft LAN Manager, Banyan VINES, Artisoft LANtastic, IBM LAN Server, DEC Pathworks, NDIS- and ODI-compliant operating systems, Apple System 7, AppleShare, Novell NetWare for Macintosh, AppleTalk, TCP/IP, and other popular network system software
Expandability:	Uplink port supports cascading to another 100BASE-TX hub
LEDs:	LEDs indicating link integrity, partition, power and collision
100BASE-TX Link Specifications:	
Cable:	2 pair - Category 5 UTP (Unshielded Twisted Pair) cable or STP (Shielded Twisted Pair) cable (ISO 11001 or ANSI/EIA/TIA 568A)
Connector:	R J45 (ISO 8877)
Maximum Length:	100 m (328 ft) computer to wiring closet. Max network diameter 205 m (672 ft) without bridging or routing
Physical Dimensions:	437 x 208 x 40 mm (17.2 x 8.2 x 1.58 in,) - 1 RU rack unit high when mounted in a standard 19" rack
Weight:	2.73 kg (6 lbs)
Included Accessories:	19" rack mount brackets
Environmental Conditions:	Temperature: 0° to 50° C Relative Humidity: 5% to 85% non-condensing
Power Supply:	100 to 240 V, 50/60 Hz, .5 A at 115 V
Standards Compliance:	IEEE 802.3u 100BASE-TX FCC Part 15J Class A, UL, CSA, CE Class B
Support:	Lifetime Warranty • Free Technical Support • Commercial On-line BBS

Asking for Assistance

Telephone .....(800) 622-7464
.....(408) 435-0706
Fax .....(408) 432-6018
Fax-Reply .....(800) 741-8607
.....(408) 954-8607
BBS .....(408) 432-1416

FTP Archive .....ftp.asante.com
ARA BBS (guest login) .....(408) 894-0765
AppleLink mail/BBS .....ASANTE.TECH
Internet mail .....support@asante.com
World Wide Web Site ...http://www.asante.com

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