



Application Note

Modular Intelligent Switch Configurations: VS-2600

Keywords

10Base, 100Base, 1000Base, Application, Copper, Ethernet, Fiber, Switch

Summary

This Ethernet switch offers significant, media flexibility to our customers.

Scenario

Customer has a mix of communication speeds, as well as a mix of media types.

Question

What options are available for these various combinations of speed and media?

Notes/Answer

The VS-2600 *Modular Intelligent Switch*, offers copper and fiber modules. The switch needs at least one module. On the front, it has three module bays for 10/100Base-TX or 100Base-FX modules. On the rear, it has two module bays for Gigabit Ethernet modules. Modules can be any combination, using one or more of the module bays.

Media Type	Ports per Module	Max Ports per Switch (i.e. 3 modules)
Copper, 10/100Base-TX (RJ-45)	8	24
Fiber, 100Base-FX (SC/ST)	8	24
Copper, 1000Base-T (RJ-45)	1	2
Fiber, 1000Base-SX/LX (SC)	1	2

Sample Combinations: (Note: modules can be arranged in any slots, not just as shown.)

10/100 Bay 1	10/100 Bay 2	10/100 Bay 3	GbE Bay 1	GbE Bay 2	Total Ports per Switch
10/100Base-TX	10/100Base-TX	10/100Base-TX	1000Base-T	1000Base-T	26
10/100Base-TX	10/100Base-TX	100Base-FX	1000Base-T	1000Base-SX	26
10/100Base-TX	100Base-FX	100Base-FX	1000Base-SX	1000Base-LX	26
100Base-FX	100Base-FX	100Base-FX	1000Base-LX	1000Base-LX	26
10/100Base-TX	10/100Base-TX	100Base-FX			24
10/100Base-TX	100Base-FX		1000Base-SX		17
100Base-FX			1000Base-SX	1000Base-LX	10
			1000Base-T	1000Base-LX	2