



## Frame Relay Products

- **High throughput and low nodal delay**
- **Multi-protocol support**
- **SNMP and Telnet support**
- **Integral protocol monitoring**

The CPX10FR and CPX 20FR Switches are identical in features and function, these high performance switches bring reliable Frame Relay/X.25 switch capabilities to networks.

Both the CPX10 FR and CPX20 FR offer high speed, multi-protocol support. Public or private Frame relay, or X25 networks can be accessed, while tailoring the individual ports for the support of a variety of protocols.

The difference between the two products is size and prices, as the CPX10FR and the CPX20FR provide two or five expansion slots respectively. The result is flexible configuration, one of the keys to optimum network performance. This adaptability allows network managers to easily create a configuration that meets their specific network requirements.

Features include alternative prioritized routing system, local and remote control, and SNMP manageability. Both PVC and SVC services can be supported simultaneously, with a large capacity for virtual circuits.

### HIGHLIGHTS

- Throughput of up to 1,600 pps and breakthrough low nodal delay offers excellent price/performance ratio.
- Supports key protocols like Frame Relay, X25, X25 over Frame relay, Async, and V120 (transparent HDLC/SDLC)
- SNMP and Telnet support
- Integral protocol monitoring. - speeds troubleshooting and installation



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## Product Features

### CPX10 / 20FR SPECIFICATIONS

<b>PORTS AND PROTOCOLS</b>	The CPX 10 FR and 20 FR come standard with two 64Kb/s ports, and can be easily expanded with a variety of port types and a wide range of speeds.
<b>CPX10FR</b>	The CPX10 FR has two expansion slots that can support: <ul style="list-style-type: none"> <li>• 16 additional ports of Async, X25, or V120 up to 19.2 Kb/s per port, or:-</li> <li>• 8 additional ports of Frame Relay, X25, or V120 up to 64 Kb/s per port, or:-</li> <li>• 4 additional ports of Frame Relay, X25 at speeds greater than 64Kb/s per port or a combination of the above.</li> </ul>
<b>CPX20 FR</b>	The CPX 20FR has five expansion slots and can support:- <ul style="list-style-type: none"> <li>• 40 additional ports of async, X25, or V120 up to 19.2 Kb/s per port, or:-</li> <li>• 20 additional ports of Frame relay, X25, V120 up to 64 Kb/s per port, or:-</li> <li>• 10 additional ports of Frame Relay, X25 at speeds greater than 64 Kb/s per port, or a combination of the above</li> </ul>
<b>Port Configuration</b>	All ports feature easily and individually configurable port connectors that accommodate either V24, V11, or V35 connections. Each of these connections can be defined as physical DTE or DCE with internal or external clocking

### NETWORK MANAGEMENT

The CPX 10FR and 20 FR can be accessed locally through a dedicated craft port, remotely by means of an X25 call, or via Frame Relay to access the integral SNMP Agent. Telnet is supported for efficient SNMP management, accessing all the functions of the craft port. Support is also provided for Dynetcom's DN25 Network Management System.

Management features include a user-friendly interface through which protocols, line speed, throttling, and various other port facilities can be set. In addition, an integral protocol/line monitoring function eases remote troubleshooting and installations by displaying Frame Relay, X25, and X25 over Frame Relay communications to any local or remote ASCII display, such as a PC with terminal emulator, or a Telnet session.

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