

FCM Modules of H3C Series Routers

I. Preface

Fast Connect Modem (FCM) interface is the fast handshaking modem interface specially designed for Point of Sale Service (POS) dial-in service. Under synchronous/asynchronous mode, it can establish a link by dial-in in shorter time.

FCM interface is and only used to provide POS machines and POS-type machines with dial-in access function on Quidway router. FCM interface supports CCITT V.22 and CCITT V.29 fast handshaking protocols, and can complete the overall process of POS dial-in access in shorter time.

FCM interface features include:

- ? Supports SDLC and HDLC protocols under synchronous mode , by default synchronous SDLC mode
- ? Employs unique ringing detection method to enable reliable ringing detection and handoff in the shortest time
- ? Compliant with standard protocols while interoperating with other mainstream POS manufacturers
- ? Supports called calling in. when POS calls in to access, FCM interface responds immediately and finishes access.

II. Introduction to Modules

2FCM/4FCM/6FCM is the short of 2/4/6-port fast connect modem interface modules, where FCM is the English abbreviation of Fast Connect Modem. FCM module is designed for POS to fast dial-in access the card account management system of bank.

III. Module Appearance

FCM module appearance is shown as follows:

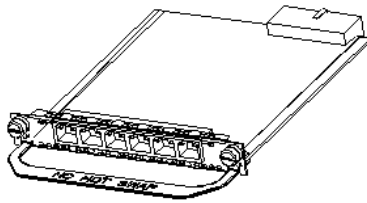


Figure 1 2FCM module appearance

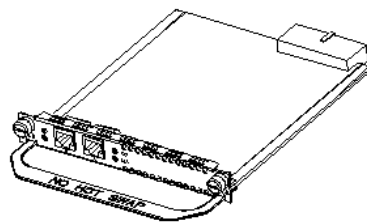


Figure 2 4FCM module appearance

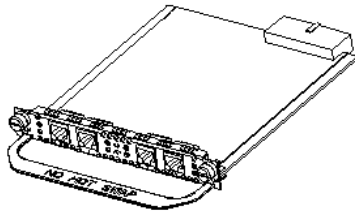


Figure 3 6FCM module appearance

IV. Module Interface Attributes

2/4/6FCM module interface attributes are shown as follows:

Table 1 6FCM module interf

ace attribute

Attribute	Description
Type of connector	RJ-45
Connector number	6
Type of cable	Line with magnetic ring
Protocols	ITU-T V.21, V.22, V.22BIS, V.23, V.29 and V.23- and V.29-based fast handshaking protocols Bell 212A/103
Network protocol	IP Novell IPX

V. Module Interface Cable

2/4/6FCM module cable is a line with magnetic ring.