2S1B Module of H3C Series Routers

I.   Module Introduction

2S1B (Only VRP 1.74 supports) is the short of 2-port synchronous/asynchronous serial port and 1-port ISDN BRI S/T interface module.

2S1B module is primarily used to receive/send and process 2-way synchronous/asynchronous serial data flow and 1-way ISDN BRI S/T interface data flow, in which ISDN BRI S/T comes with two operational modes: dial-in and leased line.

2S1B module has two DB-50 connectors used to connect external synchronous/asynchronous serial port and one RJ-45 connector used to connect ISDN BRI S/T interface.

II.   Module Appearance

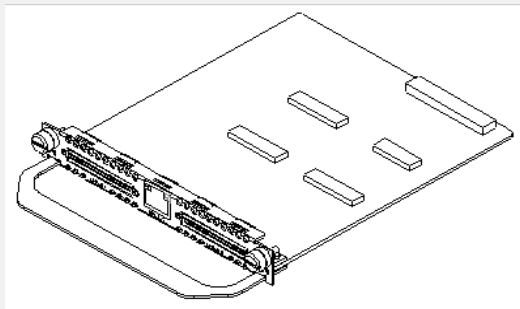2S1B module appearance is shown as follows:

Figure1 2S1B module appearance

III. Interface Attribute

2S1B module has two different interfaces: synchronous/asynchronous serial port and ISDN BRI S/T. The corresponding interface attributes are shown as follows.

Table1 2S1B module synchronous/ asynchronous serial port attributes

Attributes	Description			
	Synchronous			Asynchronous
Connector type	DB-50			
Connector number	2			
Interface standard & operational mode	V.24	V.35		EIA/TIA-232
	DTE、DCE	DTE	DCE	
Minimum baud rate (bps)	1200	1200	1200	300
Maximum baud rate (bps)	64k	4.096M	2.048M	115.2k
Cable type	V.24（EIA/TIA-232）DTE cable V.24（EIA/TIA-232）DCE cable V.35 DTE cable V.35 DCE cable			
Support service	DDN leased line Terminal access service Backup			Modem dial-in Backup Asynchronous leased line Dumb terminal access
Support protocol	PPP MP LAPB X.25 HDLC SDLC Frame Relay			PPP SLIP MP

Table2 2S1B module ISDN BRI S/T interface attribute

Attribute	Description
Connector type	RJ-45
Connector number	1
Cable type	ISDN S/T interface cable

Attribute	Description
Operational mode	ISDN dial-in ISDN leased line
Support service	ISDN ISDN supplementary service Multi-user number Sub-address Backup
Support protocol	PPP over ISDN MP Q.921 Q.931

IV. Module Interface Cable

2S1B module comes with two different interfaces: synchronous/asynchronous serial port and ISDN BRI S/T. The selected cable varies by different interfaces.

1.Synchronous/Asynchronous Serial Port Cable

You should confirm the line features before connecting synchronous/asynchronous port. There are four kinds of cables for selection:

l   V.35 DCE cable

l   V.35 DTE cable

l   V.24 DCE cable

l   V.24 DTE cable

2.ISDN S/T Interface Cable

A standard ISDN S/T interface cable is used to connect ISDN BRI S/T interface. Pin 3 and Pin 6 are transmitting side and Pin 4 and Pin 5 are receiving side. Both ends of cable are RJ-45 connector.