

FIB2-DATA

Power Supply가

V.35/RS-232/RS-530/X.21/RS-449 to Fiber Converter



FIB2 Fiber Media Converter, AC DC Power Supply가
 FRM301 FIB2 Point to Point Application
 Synchronous FIB1-DATA Optical Fiber Media V.35/RS-232/RS-530/X.21/RS-449
 Converter Synchronous Asynchronous Fiber Media
 Media Converter Multi-mode Single Mode Optical Transceiver SC, ST FC
 Single Mode WDM(SC Wave Division Multiplexing) Single Optical Fiber
 20 40KM
 FIB2-DATA가 FIB1-DATA Card FRM301 가 SNMP Loop

- HDB26 Female 1 ()
- , Single Fiber ST, SC, FC
- 10^{-11} Optical Bit Error Rate
- AC DC Power Supply
- LED Indicator : Power, Fiber Link, TD, RD, RTS, CTS, DCD, Test Mode
- 가 nx64kpbs , Clock Mode Setting, Asynchronous Baudrate Loop Back Test

Specification

Power Supply Specifications	
AC Power	90 - 260VAC +/- 10%, 50 - 60Hz
DC Power Adapter	24 - 48VDC
	< 2W
EMI	FCC Class A, CE(EN55022), (EN60950)
General Specifications	
	0~50
	0~70
	20~80%
	10~90%
	191.7mm x 85.6mm x 30mm (LxWxH)
	AC Model : 500g, DC Model : 550g

FIB2-DATA Technical Specifications	
	1 V.35/RS232/RS530/X.21/RS449
	HDB26F(Adapter cable to DB15,25,37 MB34)
	NRZ
	n x 64kpbs where n = 1 ~ 32 (64 ~ 2048kpbs) Synchronous & Asynchronous
	75~115.2k Baud Rate
Clock Mode	Transparent, Recovery, External, Internal RC,TC, ETC Normal Inverted
	CTS ON, RTS
	DRS ON, Test
	DCD ON,
Test Loop	LLB(Local Loop Back) RLB(Remote Loop Back) ITU-T V.54

Optical Specification (Optical Interface)

Type	Standard Type					WDM Type			
	M-M	S-M	S-M	S-M	S-M	S-M	S-M	S-M	S-M
Distance(km)	2	15	30	50	120	20(A)	20(B)	40(A)	40(B)
Wavelength (nm)	1310	1310	1310	1310	1550	Tx:1310 RX:1550	Tx:1550 RX:1310	Tx:1310 RX:1550	Tx:1550 RX:1310
BER	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}	< 10^{-10}
Sensitivity	-31dBm	-32dBm	-35dBm	-36dBm	-35dBm	-32dBm	-32dBm	-32dBm	-32dBm
Output Power	-20dBm	-20dBm	-15dBm	-8dBm	0dBm	-15dBm	-18dBm	-7dBm	-10dBm
Power Margin	11dB	12dB	20dB	28dB	35dBm	17dBm	14dBm	25dBm	22dBm
Return Loss	-12dBm	-12dBm	-12dBm	-12dBm	-12dBm	-14dBm	-14dBm	-14dBm	-14dBm
Conn. Types	ST								
	SC								
	FC								

M-M : Multi-mode, S-M : Single-mode * WDM

(A) (B)가

FIB2-DATA

Ordering Information

FIB2-XXX-XX-XXX-XX

<u>Copper Interface Type</u>		<u>Fiber Connector Type</u>		<u>Distance Connectivity</u>	<u>Power Type</u>	
V35	V.35 - MB34	SC	SC Type	002:	2Km [multi-mode only]	AC AC Model
232	RS-232 - DB25	ST	ST Type	015:	15Km	DC DC Model
530	RS-530 - DB25	FC	FC Type	030:	30Km	
X21	X.21 - DB15			050:	50Km	
449	RS-449 - DB37			120:	120Km	
				*20A:	20Km [WDM only]	
				*20B:	20Km [WDM only]	
				*40A:	40Km [WDM only]	
				*40B:	40Km [WDM only]	
				*020A must be coupled with 020B		
				*040A must be coupled with 040B		

Examples

FIB2-V35-SC-120-AC FIB2-V.35, with MB34 Male Cable Adapter, Single Mode 120 km, SC Type Connector Optical Interface, with AC Type Power Model

FIB1-X21-SC-40A-DC FIB2-X.21, with DB15 Female Cable Adapter, WDM 40km, SC Type Connector Optical Interface, with DC Type Power Model
(FIB1-X21-X-SC--40B)