Deport of ISDN

FO82BR—FO84BR

BRI to BRI modem over fiber optic

FO82BR or **FO84BR**

- 2 or 4 ISDN BRI modem over fiber optic
- deport of 4 BRI from PBX or Network
- BRI NT or TE, T0 or S0
- Oparate also with an E1 fiber modem FO80E1
- Fiber optic multimode or singlemode up to 117km

OTHER EQUIPMENT FOR BRI DISTRIBUTION:

CV24BR

- 4 ISDN BRI modem over 4 wire up to 1,6km

CV24BR

- 4 ISDN BRI converter CSU/DSU to G703/G704
- Interface converter to PDH/SDH or MW links
- Distribution of BRI over TDM Network

CB2000

- 1or 2 PRI (30B+D) to 8, 16 or 32 BRI (2B+D) channel bank, optional PRI NT
- BRI switching platform for video-conferencing, data

PR8000

- ISDN switch of 8 PRI
- LCR capabilities

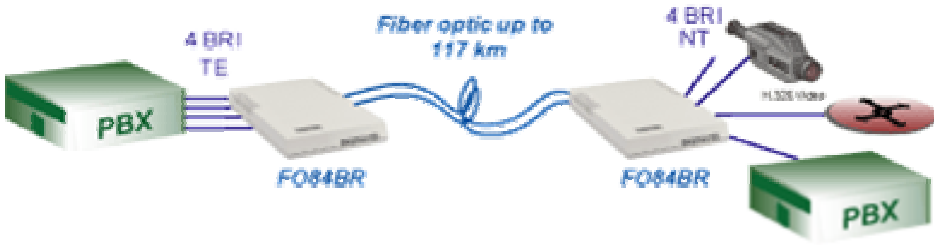
CXR ANDERSON JACOBSON

DISTRIBUTION and DEPORT of ISDN BRI

CXR, developer and manufacturer of Telecom equipment for 30 years, has widen his range of ISDN equipment including several Terminal Adapters, ISDN Router, Channel Bank PRI/BRI and PRI concentrator with a new range for the deport and the distribution of IDSN BRI's.

DEPORT OF BRI FIBER OPTIC

The **FO82BR** and **FO84BR** are two **fiber optic modems** equipped with 4 BRI. This modem could be delivered with multi-mode or single-mode dual fiber . The budget is covering the distance of 4, 8, 30, 60 and 117 km.



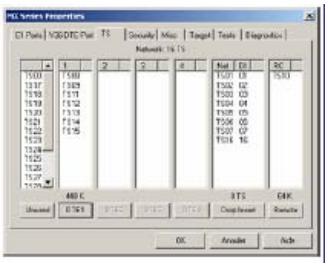
This Modem are intended to:

- Extend the line in the customer side from the Public termination over industrial campus with a full immunity to electric noise
- Interconnect 2 PBX in a campus or over several stairs in a large building despite to the electric/elevator/air conditioning installation
- Extend the BRI line in campus large infrastructure to connect PBX/phone set/Visio at 30Km or more up to 117km
- This fiber optic modem is a secure communication link to transport voice communication for military, airport between central site and isolated users.

The range of **FO84BR** is supporting point to point connection (T0) or bus connection (S0).

In a pair one equipment must be set as TE in order to be connect the Network or the PBX while the other end is set as NT to connect to the ISDN terminal.

Deport of ISDN



MXCFG

Graphical management software

SPECIFICATIONS

Fiber Optic Line

- Double optic fiber
- ST Connectors, option for SC or FC
- Type of multi-mode fiber (NM) with diameter 62,5/125µm or single-mode (SM) 9/125 µm (internal/external)

The customer will calculate its coverage according to the number of connectors and the fiber quality :

coverage =

Budget - x (1dB) km with x: number of connectors

Attenuation

Models FO8xxx	M8Tzw	M1Tzw	SLTzw	Z3Tzw
Emitter type	MM LED	MM LED	SM /ELED	SM LASER
Distance and wave	820 nm	820 nm	1310 nm	1310 nm
Minimum optic Budget	15 dB	12 dB	14 dB	23 dB
Attenuation typical of the fiber	3 dB/ km	1.5 dB/ km	0,35 dB/km	0,35 dB/ km
Coverage	4 km	8 km	30 km	60 km

Configuration

- By consol port : interactive menu VT100 and AT command , memorization of 4 customer configurations and a plant one.
- By the CFIP management card from the chassis AMS16 in VT100 or Telnet and by SNMP.
- Control of the local modem (Rack or standalone) and remote modem, in-band or out of band management

Signalling : standalone or rack card

- LED : Power, DTE, SYNC, ERR, DATA and test
- Push button CLR to delete the ERR mode

Power supply

- Standalone : 96 to 230 Vac internal or external or 48 Vcc

Chassis AMS16 230 V, 48 VAC or redundant 230V/48V

Physical characteristics

- Plastic standalone treated EMC : PxLxH = 29 x 17 x 3,5 cm
- Operating temperature : from 0 to 50 °C

References FO8xxx-mmyz-w

- **xxx = Interfaces** 2BR 2BRI
  4BR 4BRI
  011 (X21/V11),
  035 (V35),
  028 (V28/V24-RS232),
  0E1 (G703/G704 E1 2 Mbps)
  0T1 (G703/G704) T1 1,5 Mbps)
  4E1 (4 G703 E1 2 Mbps)
  0BT (10 BaseT)
  0HB (HUB 8 ports)

- **mm = Emitter** M8 (multimode LED 820 nm), 4km
  M1 (multimode LED 820 nm), 8km
  SL (monomode LED 1310 nm), 30 km
  Z3 (monomode Laser 1310 nm), 60 km

- **y= connectique** T (ST), in option C(SC), F (FC)

- **z = Power sypply** I internal 90 to 240 Vac (SL/Z3/Z5 models)
  V external 220 Vacc (M8 model)
  C internal 40 Vdc (all models)
  R AMS4/16 rack (all models)

- **w = Version** E = Europe

ANDERSON JACOBSON

Rue de l'Ornette
28410 Abondant
France

Phone : 02.37.62.87.90
Fax : 02.37.62.88.01
Email: trans@cxr.fr