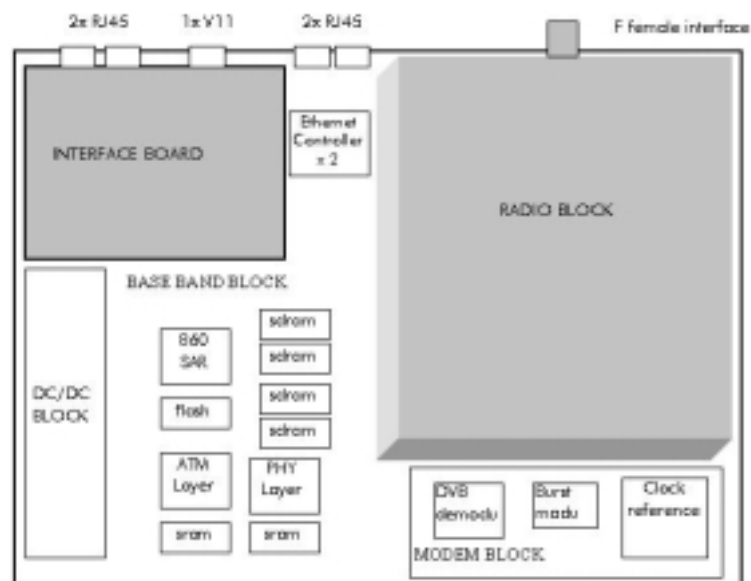
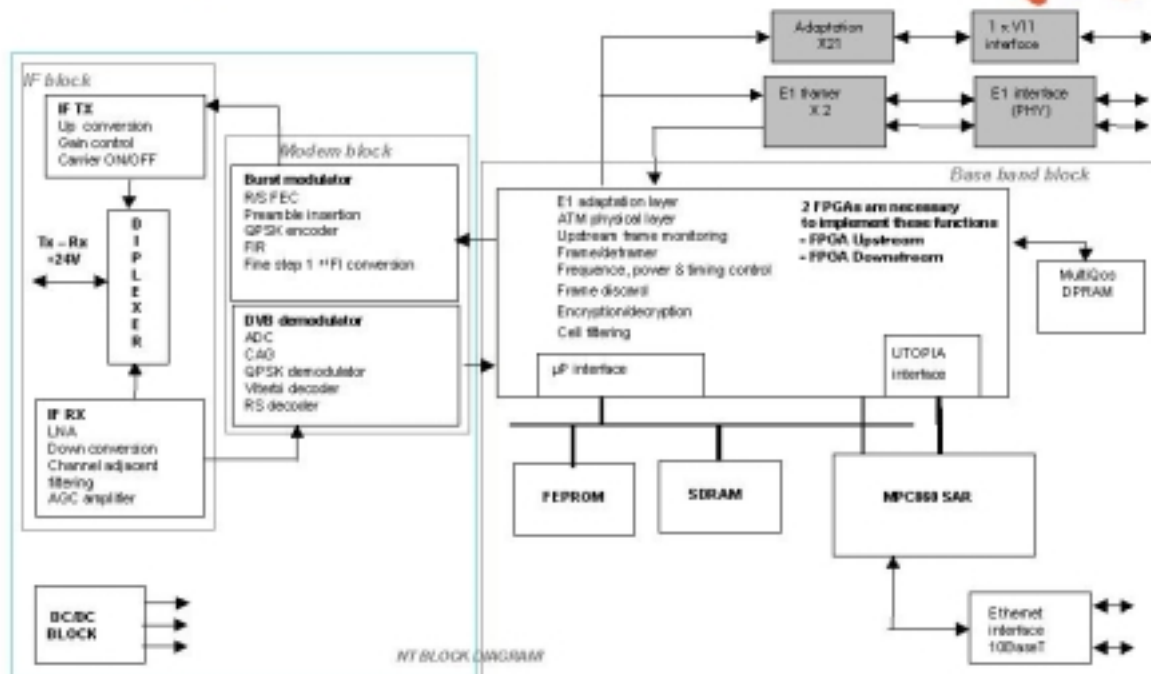




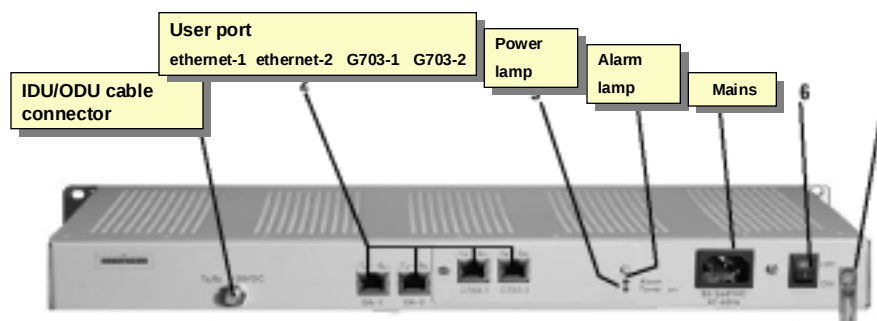
$2\ E1 + 2\ B1h$
 or
 $1\ E1 + 1\ X21 + 2\ B1h$
Board Dimension : 315 x 233.35 mm



Alcatel 9800 LMDS n° 0

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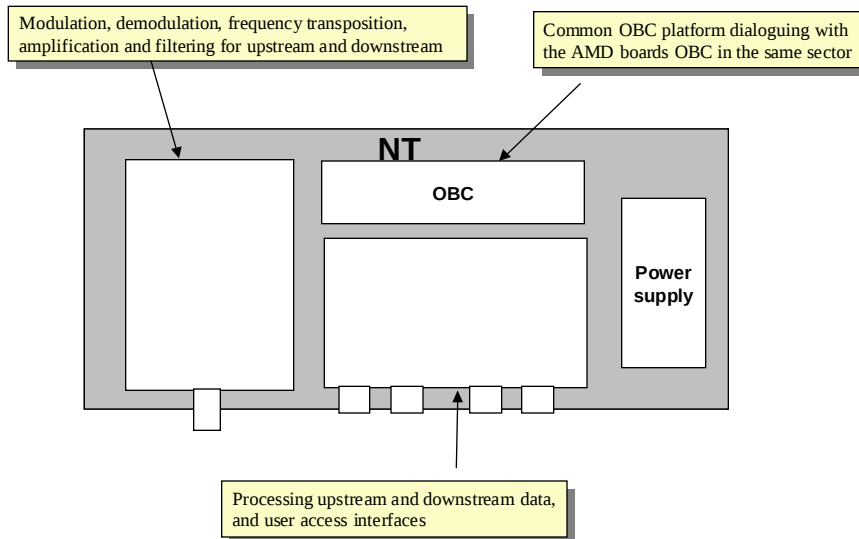
Network Termination (NT)



The NT is a 19-inch unit, 1 U high and 240 mm deep

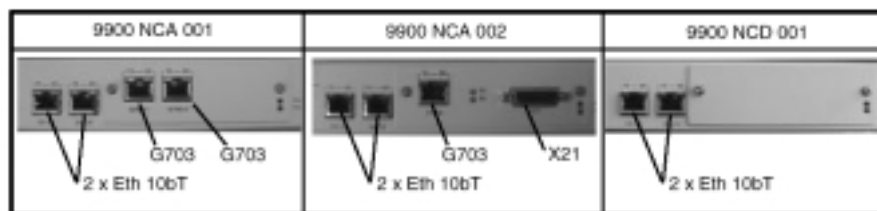
It weighs 3 kg

The power supply is 110/220 V



Network Terminations (NT)

3 types of NT unit	9900 NCA 001	9900 NCA 002	9900 NCD 001
Telephony, leased lines	2 x E1(G703+G703)	2x E1 (G703 + X21)	—
Data	2 x Eth 10bT	2 x Eth 10bT	2 x Eth 10bT



NT – Network Terminal

The NT mainly consists of IF block, Modem block, Interface board block and AC-DC/DC-DC converter block. The IF block will transmit IF of 400-700MHz & receive IF of 950-2050MHz. The IF block also has a diplexer.

The IF block has functions like IF Up conversion, IF Down conversion, LNA, Gain control, Carrier ON/OFF, AGC, etc. The Modem block has two sub-blocks of Burst modulator & DVB demodulator and has functions like QPSK encoder, Preamble insertion, Fine step 1 IF conversion, QPSK demodulator, Viterbi decoder, RS decoder, etc. The Interface board block is mainly for different types of interfaces like T1, E1, 10baseT Ethernet, etc. The AC-DC/DC-DC converter is used to supply various DC voltages to different boards.