



Broadband Two-way Satellite Internet ?

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Specificatii tehnice echipament internet prin satelit two-way. Pachet Profesional si Corporate.

Terminal IP satelit

Canal de intoarcere

Format: MF-TDMA
Ratele de simbol: 156 KSym/s, 312 KSym/s,
625 KSym/s, 1.25MSym/s
Frecventa IF la emisie : 950-1450 MHz
Semnalul IF la emisie: -10 to -25 dBm in pasi de 0.125
Turbo Coding: DVB-RCS compatibil
Modulatie: QPSK, BPSK

Semnal de iesire din HUB

Format: DVB/MPEG-2 Stream de transport
(ISO/IEC 13818) DVB Multi-Protocol
Incapsulare (MPE) pentru Insertia IP Data PCR
Ratele de simbol: 5-42.5 MSym/s
FEC: DVB compatibil R/S (204, 188) si Convolution
(R= 1/2, 2/3, 3/4, 5/6, 7/8)
BER: Quasi-Error Free, ca standard DVB
Modulatie: QPSK sau 8PSK
Frecventa IF la receptie: 950-2150 MHz
Scala de putere la intrare: -60 to -20 dBm

Interfete hardware

L-band Emitator si receptor: (2) Tip mama, 75 ohm
Network: (1) 10/100 Base T Ethernet (RJ-45)

Radiofrecventa

Diametre antena: 0.96M, 1.2M, 1.8M, 2.4M
Putere ODU: 0.5W, 1W, 2W, 4W, 5W
Temperatura de operare ODU: -40°C - +55°C

IDU Specificatii mecanice / mediu

Dimensiuni: 1U inalt, 12" lat, 8" adanc
Consum: 110/220 VAC Auto-detect, Auto-scalabilitate
Temperatura:
95% umiditate, non-condens la 0° pana la 40° operare;
90% umiditate, non-condens la 65°C depozitare
Susceptibilitati: EN50082-1; 1997
EMI: FCC Part 15, EN50022, CE
Siguranta: UL/cUL 1950; EN60950; TUV; VDE

HUB

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Management-ul Network-ului si controlul acestuia

Network Management System (NMS): Java
Web-based, Standard PC
Network Control Center (NCC): Localizat la Hub;
Redundant
SUN Solaris Workstation; SNMP Agent

System Performance

Accelerare TCP: 100 Mbps bandwidth
Scalabilitate: 10,000 noduri cu un singur Hub/NCC;
100,000 noduri cu multiple Hub/NCC
Protocoale: TCP/IP, UDP/IP, IGMP, RIP1&2, IP
QoS
Securitate: Optionala 3DES