

MDM3315 SATELLITE MODEM





- ظرفیت بالا و طراحی فشرده
- مناسب برای بازارهای Enterprise/SME
- Cellular backhaul
- Maritime
- Broadcast
- Government

- قابل استفاده روی پلتفرم های Evolution و Velocity، Dialog، iDirect شرکت
- انعطاف پذیری در استفاده از چندین فناوری مختلف در چندین پلتفرم (ATDMA، MF-TDMA، SCPC و Mx-DMA MRC)
- Mx-DMA MRC، انعطاف پذیری MF-TDMA را با تخصیص پهنای باند متغیر SCPC درخواستی ترکیب می کند و در عین حال با بهره وری و در دسترس بودن بالاترین کیفیت ارائه می دهد
- پشتیبانی از عملیات wideband تا 500 MS در کانال ارسال
- امکان ایجاد شبکه روی HTS/VHTS



FEATURES OF MDM3315

- For operation in Dialog, Evolution or Velocity networks
- DVB-S2 (up to 45 Msps) / DVB-S2X (up to 500 Msps) outbound
- Supports DVB-S2X MODCODS up to 64APSK
- Return max rates up to 29 Msps (ATDMA), 64 Msps (SCPC), 40 Msps (MX-DMA MRC)
- Ideal for both fixed and mobility applications
- OpenAMIP and GXT file support for mobility
- Optional 256-bit AES encryption
- ATMEL chip for authentication
- Embedded TCP acceleration, GTP acceleration and header compression

Network Configuration

Network Topology	Rx	Tx			
Dialog	DVB-S2/DVB-S2X*	MF-TDMA	Mx-DMA HRC	Mx-DMA MRC	SCPC
Modulation	QPSK, 8PSK, 16APSK, 32APSK, 64APSK	4CPM	QPSK, 8PSK, 16APSK, 32APSK	QPSK, 8PSK, 16APSK, 32APSK, 64APSK	QPSK, 8PSK, 16APSK, 32APSK, 64APSK
Symbol Rates	1 Msps to 500 Msps	Up to 7.6 Msps	Up to 20 Msps	Up to 40 Msps*	1 Msps to 64 Msps
Velocity	DVB-S2	Adaptive TDMA			
Modulation	QPSK, 8PSK, 16APSK, 32APSK	BSPK, QSPK, 8PSK			
Symbol Rate	1 Msps to 45Msps	Up to 7.5 Msps			
Evolution	DVB-S2/DVB-S2X	Adaptive TDMA			
Modulation	QPSK, 8PSK, 16APSK, 32APSK, 64APSK	BSPK, QSPK, 8PSK, 16QAM			
Symbol Rate	1 Msps to 64 Msps	1 Msps to 29 Msps			

Modem Interfaces

Tx Interface

Connector	F-Type 75 Ohm
Frequency range	950-2400 MHz
TX level	-55 dBm to +5 dBm (Dialog) -45 dBm to +5 dBm (Evolution/ Velocity)
BUC power supply	24V / 4A or 43~44VDC 3.5A software selectable
BUC reference	10/50 MHz
BUC reference level	0 dBm

Rx Interface

Connector	F-Type 75 Ohm
Frequency	950-2150 MHz
LNB power supply	13/18VDC 500mA
LNB band selection	13/18V or 22kHz tone, programmable
LNB polarization selection	13/18V or 22 kHz tone, programmable

Data Interface

LAN: Four 10/100/1000 Mbps Ethernet, auto MDI/MDIX

**Platform and release dependent*

Management

Protocols Supported

UDP, IPv4 & IPv6, ICMP, TCP, IGMPv1, IGMPv2, ARP, DHCP, DNS, NTP, BGP, NAT, Diffserv Marking

Web GUI

Manage web GUI via configurable management IP address

Mechanical and Environmental

Dimensions W 22cm x D 33cm x H 4cm
(W8.66 in x D 12.99 in x H 1.57 in)

Weight 1.7 kg (3.75 lbs)

Temperature:

Operating 0° to +55°C (32° to +131°F)

Storage -30° to +60°C (-22° to +140°F)

Humidity:

Operating 5 - 95% non-condensing

Power Supply

Input Voltage 48 VDC, 4 Amps input

Adapter AC, 50Hz\220-260V and 60Hz\100-130V
-48VDC

Power Consumption 60W maximum



TESTED, CERTIFIED & "HIGHLY SATISFIED"

