

NEWTEC SAT2210 SATELLITE TERMINAL



Satellite Terminals

The Newtec MDM2210 IP Satellite Modem is packaged with an easy to install, high-performance Outdoor Unit (ODU). This terminal package is highly optimized for cost, efficiency and ease of use. The ODU consists of a high quality, easy-to-install antenna, an integrated transmitter and low noise block down converter (iLNB).

Straightforward Logistics

The MDM2210 terminal is delivered in a compact package. The modem and outdoor unit are copackaged in a single box with the following accessories: RF cable, ethernet cable, documentation and Point & Play devices. Antennas are shipped in bulk for cost-optimized freight.

Power Efficiency

The MDM2210 return technology is compatible with fully saturated transmitters. On top of the power efficient technology, the saturated output power gives even higher power efficiency.

Ease of Installation

The antenna mast-head for 75cm and 1m antennas is completely pre-mounted and does not require additional assembly work. The complete ODU Portfolio is compatible with Point & Play easy-installation technology, supporting the installation of the complete terminal without any specific qualification or expensive tools needed.

Wide Coverage and Flexibility

The antenna portfolio covers both Ku- and Ka-band for different sizes. For 75cm and 1m, the antennas can be used both in Ku- and Ka-band. Therefore, a network in Ku-band can be set up and transferred to Ka-band at the appropriate time with limited extra investment.



	Ku			Ka		
	75 cm	1 m	1.2 m	75 cm	1 m	1.2 m
0.5 W	✓	✓				
0.8 W	✓	✓	✓			
2.0 W	✓	✓	✓	✓	✓	✓
2.0 W quad	✓	✓				

[click here to REQUEST A QUOTE!](#)



Key Features

- High level of integration
- Low power consumption
- Suitable for all weather conditions
- Offset feed clamp option or Quad iLNB for DTH reception
- Ku/Ka-dual band antennas support operational flexibility

Performance

ODU TYPE	Ku-band						Ka-band					
	ILB2120 ANT2010 0.75 m	ILB2120 ANT2025 1 m	ILB2121 ANT2035 1.2 m	ILB2140 ANT2010 0.75 m	ILB2140 ANT2025 1 m	ILB2141 ANT2035 1.2 m	ILB2145 ANT2010 0.75 m	ILB2145 ANT2025 1 m	ILB2220 ANT2010 0.75 m	ILB2220 ANT2025 1 m	ILB2221 ANT2035 1.2 m	
Rated Power	0.8	0.8	0.8	2	2	2	2	2	2	2	2	Watt
RX frequency range	10.7-12.75						18.1-20.2					GHz
XPD RX	24	24	26	24	24	26	24	24	22			dB
G/T (mid-band)	15.4	17.9	19.4	15.4	17.9	19.4	15.1	17.6	18.6	21.1	22.2	dB/K
TX frequency range	13.75-14.5						28.1-30					GHz
XPD TX	24	24	26	24	24	26	24	24	24			dB
EIRP (mid-band)	37.8	40.3	41.9	41.8	44.3	45.9	41.7	44.2	47.9	50.4	52.0	dBW

iLNB Interface

- 2 F-connectors
- ILB2220/ILB2221: 1 F-connector
- ILB2145: 5 F-connectors

Standards

- RoHS compliance
- CE compliance
- WEEE

This brochure is provided for information purposes only.

The details contained in this document, including product and feature specifications, are subject to change without notice and shall not bind Newtec in any way.

Newtec

SHAPING THE FUTURE OF SATELLITE COMMUNICATIONS

Europe

Tel: +32 3 780 65 00
Fax: +32 3 780 65 49

North America

Tel: +1 203 323-0042
Fax: +1 203 323-8406

South America

Tel: +55 11 2092 6220
Fax: +55 11 2093 3756

Asia-Pacific

Tel: +65 6777 22 08
Fax: +65 6777 08 87

China

Tel: +86 10-823 18 730
Fax: +86 10-823 18 731

MENA

Tel: +971 4 443 60 58
Fax: +971 4 368 67 68