



## Product Features

- Up to 4 RF feeds from satellite 4 LNB's over 1 strand Single mode fiber
- Wide frequency response 850-2400 MHz or 54-2400Mhz (optional)
- Compatible with multiple providers such as DirectTV, Dish Network, Free-to-air
- Designed for use with Single Wire Multiswitch Systems (SWiM)
- Up to 32 end points from one single transmitter
- Plug and Play
- Does not saturate
- RF Signal Input to the Transmitter = RF Signal Output from the receiver (100% Transparent)
- Transmitter RF Input can power LNB- 13V or 18V
- Easily add ATSC RF from local antenna through our wide frequency band that supports 54-2700Mhz
- Sends 22Khz control tone
- LCD display and Front panel interface for easy device management
- Transmitter displays RF Input Power for individual RF feeds and Optical Output power for each individual CWI

Receiver displays Optical input power from each of the 4 lasers, and RF output Power as well

- Internal Power Source: AC power supply 110V-220V
- Redundant power supply

Direct TV / Dish Network Compliant

| <b>Product Specifications</b>                               |   |
|---|---|
| <i>*All Specifications Subject to Change Without Notice</i> |   |
| RF Inputs   | 4x Type-F 75 Ohm  |
| Frequency Range   | 850-2400 MHz or (54-2400 MHz - Optional)                  |
| RF Input Power Level  | (-25) - (-14) dBmV  |
| Optical Wavelength  | 4x Independent Optics CWDM 1510nm 1530nm<br>1550nm 1570nm |
| Optical Output Power  | 3.0 dBm (2mW) - Standard                                  |
|   | 6.0 dBm (4mW) Optional                                    |
|   | 8.0 dBm (6mW) Optional                                    |
|   | 10. dBm (10mW) Optional                                   |
| Optical Output Ports  | 1 x SC/APC  |
| Laser Type  | 4x Feedback Controlled DFB type 1550 CWDM                 |
| RF Return Loss  | 12 dB   |
| RF Link Gain  | 25 dB   |
| Control Interface   | RS-232 Serial   |
|   | SNMP Network<br>Front Panel                               |
| Power Supply  | 110 / 220 VAC Auto Switching                              |
| Power Consumption   | >50 W   |

|                       |                   |
|-----------------------|-------------------|
| Dimensions            | 482 x 268 x 44 mm |
| Weight                | 3.5 kg            |
| Operating Temperature | 0 - 65 C          |

