

IF Slope and LIN/PAR Group Delay Equalizer Modules

Center Frequency: 70MHz, 140MHz, and Custom

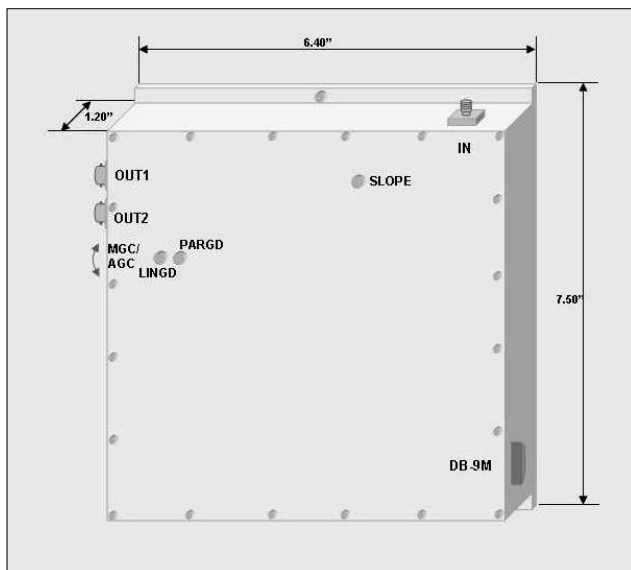
Active Equalizers with AGC

Tunable IF-RXUs to compensate for IF-TX to IF-RX Slope, Linear Group Delay, and Parabolic Group Delay Degradations

The NWT-RXU070-Axy, NWT-RXU140-Bxy, and NWT-RXUCST-Cxy are part of a family of Highly Selective IF active Receive Units (IF-RXU) for Radio and Satellite Communications. These modules are individually housed in a shielded enclosure, with customer selection of optional 50Ω / 75Ω RF connectors (Return Loss better than 23dB), with OOB (Out-Of-Band) rejection ≥ 22 dB. With the provision of adjustable Slope and Linear / parabolic Group delay Equalizers, this family permits the use of these IF-RXUs in demanding MODEMS applications.

Optionally, ALL Pass Filter IF-RXUs are also available. These are IF-RXUs without bandpass filters.

Contact NewCore for your specific requirements and delivery information.



Basic Features

- Commercial Environmental
- Power: ± 12 VDC & +5VDC (DB9M)
- BW: 7,14,28MHz (70MHz IF)
- BW: 15,30,40MHz (140MHz IF)
- 50Ω / 75Ω Interfaces
- IF-TX to IF-RX Slope EQ
- IF-TX to IF-RX LINGD EQ
- IF-TX to IF-RX PARGD EQ
- In-Band RL ≥ 23 dB
- AGC ≥ 55 dB

Optional Features

- Industrial Environmental
- Power: Optional 38 to 72VDC
- Custom BW and IF CTR-FREQ
- RF Connectors
 - 75Ω: F-Female
 - 50Ω: SMA-F
 - 50Ω / 75Ω BNC-F
 - Custom

BENEFITS & APPLICATIONS

➤ Benefits:

- One Slope-EQ CTL
- One LINGD-EQ CTL
- One PARGD-EQ CTL

➤ Applications:

- Satellite Communications
- Digital Radio
- High-Efficiency Modulations



www.newcore.ca

email: info2@newcore.ca

Telephone: 514-624-4458

Fax.: 514-696-1733

Easy to use. Easy to Integrate. Call NewCore today for more Information.