



TEST

DC injector IDCI with OCXO and 10MHz reference – Intelligent Power & Reference Signal Injector for Modern BUC Systems (H2-18pt bolt)

DC injector IDCI with OCXO and 10MHz reference is an advanced power and reference signal injector specifically designed for the latest generation of Block Up Converters (BUCs) with output power ratings of 1W, 2W, 4W, 10W, and 20W. It delivers reliable DC power supply and a high-stability 10 MHz reference signal, making it an essential component for satellite communication systems and RF uplink chains.

Equipped with a built-in OCXO (Oven Controlled Crystal Oscillator), this injector ensures reference signal stability of ± 1 ppm, enabling high-frequency precision and phase coherence across your transmission system. The integrated IP-based control interface allows real-time monitoring and management of BUC parameters over Ethernet, ensuring smarter infrastructure with remote accessibility.

Main Features: (H3-16pt bolt)

- 10 MHz Reference
- OCXO high stability (± 1 ppm)
- Supports new-generation BUCs: 1W, 2W, 4W, 10W, 20W
- Compact, rugged design for professional field deployment
- Ideal for VSAT hubs, teleports, and broadcast uplinks

Applications: (H3-16pt bolt)

- Satellite uplink stations
- Teleport & broadcast infrastructure

- VSAT ground stations
- RF laboratory and test environments
- Modern BUC Systems

DC injector IDCI with OCXO and 10MHz reference is engineered for professionals who demand reliability, control, and precision in modern satellite communication setups. Whether you're operating a commercial uplink station or a mission-critical broadcast network, this injector delivers seamless integration, enhanced visibility, and long-term stability

Contact us to learn more about integration options or request a quote today. (H4-14pt regular)