



TX730OF/DX702OF C-Band COFDM True Diversity Link

Applications

- Long range, digital, encrypted video & audio communications.
- UAV/UGV/AUV long range links.
- Electronic News Gathering (ENG).

TX730OF/DX702OF DESCRIPTION

The TX730OF/DX702OF is a rugged, digital diversity, encrypted, COFDM (DVB-T) wireless link intended for demanding long range, high mobility, live video & audio (or telemetry) transmissions with no link breakup.

The 730OF tunes to C Band (4.40GHz to 5.0GHz) in 10MHz increments (bandwidth is 6MHz). Other available tuning ranges are UHF, ISM 900MHz and 2.4GHz and L Band.

The link is powered from an unregulated 12V supply.

COFDM TX730OF/DX702OF link FEATURES

- ♦ One video and one audio channel, MPEG2 encoded with low latency
- ♦ FIPS140-2/FIPS197 encryption (AES) with a 128 bit key
- ♦ DVB-T compatible with Forward Error Correction (FEC)
- ♦ Tunes from 4.4GHz to 5.0GHz in 6MHz increments.
Other available bands: UHF, 900MHz ISM, L Band, 2.4GHz ISM
- ♦ RF power 30dbm(1W).
Two antenna/tuner diversity. RF input sensitivity is -95db for a BER of 1E-5.
- ♦ Remote control of the receiver & transmitter via a RS232 channel.