

MtronPTI today introduced another Ku-band CDL Diplexer - UFDX9999-010, featuring a wider pass band and phase linearity of +/-2 degrees over the temperature. The wider band and low phase linearity performance of UFDX9999-010 enables the customer's system to support higher data transfer rates with low latency. The UFDX9999-010 is an example of MtronPTI's capability to develop a custom solution for your specific needs.

MtronPTI offers standard and custom oscillators, filters, multiplexers, and integrated assemblies that enable secure, wideband, real-time uplink and downlink transmission of payload control and sensor data via a CDL. The UFDX9999-010 diplexer adds to MtronPTI's broad portfolio of products that support Common Data Link (CDL) applications.

MtronPTI is an ISO 9001:2015 and AS9100 Rev. D certified organization

Features:

- Pass Band 1 : 14.400 to 14.930GHz
- Pass Band 2: 15.150 to 15.350GHz
- Phase Linearity over temperature : +/- 2 degrees
- High Power Handling : 30W CW
- Superior Channel to Channel Isolation : > 70dBc
- Size : 2.91"x2.40"x0.600" max.

Applications:

- UAS
- Satcom
- Electronic Warfare



