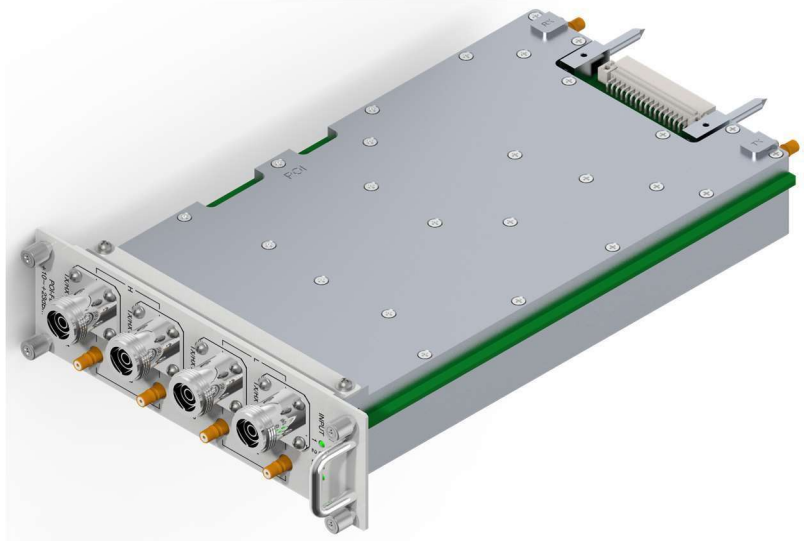


MU-POI-LP-3700TDD Specifications

ComFlex NG Series Distributed Antenna System

Features

- Multi-Channel
- Assisted-Commissioning
- 4 RF Inputs for 3700
- Simplex and Duplex Support
- 32 RF Inputs max per Sector
- Automatic TDD Synchronization
- 280MHz Instantaneous Bandwidth
- 4.3-10 RF Connector



Product Description

The ComFlex NG series Point of Interface (POI) cards offers a modular solution scalable to meet the exact capacity needs of your enterprise or campus. The C-Band TDD POI variant passes a full 280MHz IBW. With a total of 8 POI cards, each ComFlex Master Unit can support up to 32 RF Inputs per sector. The installer can use assisted commissioning or calibrate manually the downlink and uplink transmission levels across the DAS. Along with automatic TDD synchronization, the TDD POI is easy to install and commission.

| General | | |
|--------------|---|--|
| Categories | | ComFlex NG, Enterprise Wireless Communications |
| MBTF @ 40° C | H | 50,000 |

| Mechanical | | |
|---------------------------------|------|--------------------|
| Duplex BTS RF Connector | | 4.3-10 Female |
| Simplex UL RF Connector | | QMA Female |
| Dimensions, H x W x D | in. | 2 |
| Weight | lbs. | 4 |
| Packed Dimensions, H x W x D | in. | 15.7" x 13" x 6.7" |
| Packed Weight | lbs. | 5.5 |

| Electrical | | |
|--|----------------------|---------------------------|
| | | 3700MHz C-Band |
| Uplink Frequency Range | MHz | 3700-3980 |
| Downlink Frequency Range | | 3700-3980 |
| Operating Bandwidth | MHz | 280 |
| Uplink Output Power | Low Power POI dBm | -40 |
| Uplink Maximum Gain | Low Power POI dB | 10 |
| Downlink Input Range | Low Power POI dBm | +10 to +23 |
| Downlink Maximum Gain | Low Power POI dB | 10 |
| Downlink Max Input Power | Low Power POI dBm | 23 |
| ATT Adjustable Range (1dB step) | dB | 0-30 |
| System Delay (POI Card) | µsec | ≤ 3 |
| VSWR | | ≤ 1.8 |
| PIM @ 2×20dBm (max) | dBc | -150dBc |
| Input Power Voltage Internal from subrack | VDC | 12 |
| Power Consumption (max) | W | 1.2 |

| Environmental | | |
|-----------------------|---------|-------------|
| Operating Temperature | °F | +32 to +113 |
| Operating Humidity | | ≤ 85% |
| Ingress protection | | IP30 |
| Heat Dissipation | BTU / h | 4.092 |

Certifications

| Master Unit | |
|-------------------|-------------|
| UL Certification | UL 62368-1 |
| FCC Certification | PX8CFNG-MUc |

Ordering Information

| | P/N | Description |
|-------------|-------------------|---|
| Master Unit | MU-POI-LP-3700TDD | Master Unit POI Card - 3700 TDD (3700-3980 MHz), 10-23dBm Input |