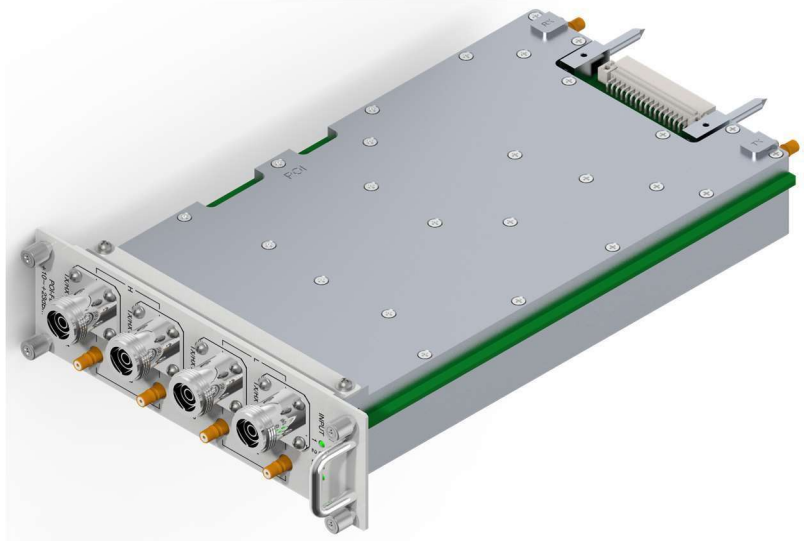


MU-POI-LP-FDD

ComFlex NG Series Distributed Antenna System

Features

- Multi-Band, Multi-Operator
- Assisted-Commissioning
- 2 RF Inputs for 700 & 850
- 2 RF Inputs for 1900 & 2100
- 32 RF Inputs max per Sector
- Simplex and Duplex Support
- Low PIM 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. FDD POI variant supports FDD RF frequency bands for any US operator. 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.

Specifications

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.	6.9" x 2.1" x 9.7"
Weight	lbs.	4
Packed Dimensions, H x W x D	in.	15.7" x 13" x 6.7"
Packed Weight	lbs.	5.5

Electrical						
			700MHz SMH	850MHz CELL	1900MHz PCS	2100MHz EAWS
Uplink Frequency Range*		MHz	698-716 777-787	824-849	1850-1915	1710-1780
Downlink Frequency Range*			728-756	869-894	1930-1995	2110-2180
Operating Bandwidth		MHz	28	25	65	70
Uplink Output Power	Low Power POI	dBm	-40	-40	-40	-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			

* Connector 1&2 support 700 & 850 MHz while connector 3&4 support 1900 & 2100 MHz frequency ranges.

Environmental		
Operating Temperature	°F	+32 to +113
Operating Humidity		≤ 85%
Ingress protection		IP30
Heat Dissipation (max)	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-FDD	Master Unit POI Card - 4 Ports, FDD Bands (700/850/1900/2100), 10-23dBm Input