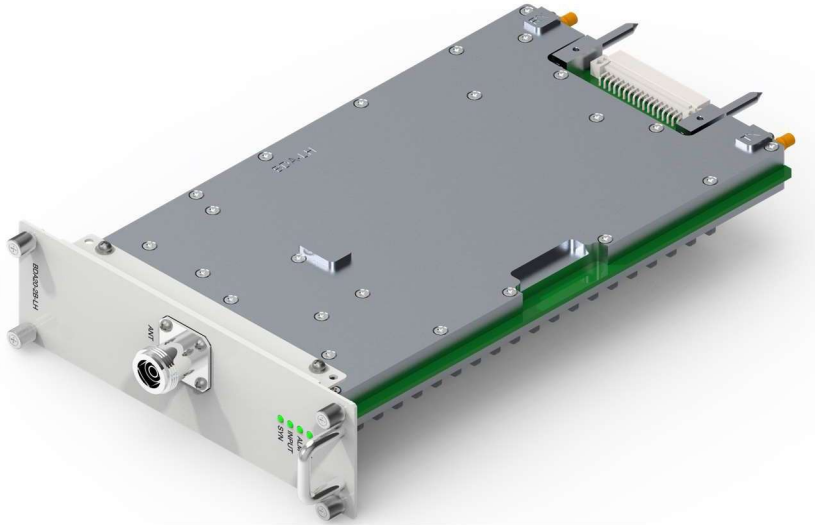


## MU-BDA-2500TDD

### ComFlex NG Series Distributed Antenna System

#### Features

- Self-Commissioning
- Supports full Band 41
- 194 MHz of Instantaneous Bandwidth
- Automated 5G TDD Synchronization
- 4G & 5G Demodulation
- 4.3-10 RF Connector



#### Product Description

The ComFlex NG series Bi-Directional Amplifier (BDA) Band 41 TDD cards enable TDD 5G off-air coverage. This wide band BDA card supports up to 194 MHz of instantaneous bandwidth. The Master Unit supports up to 8 BDA cards combining multiple bands and operators.

## Specifications

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

Mechanical		
Donor Antenna Connector		4.3-10 Female
Dimensions, H x W x D	in.	6.9" x 2.1" x 9.7"
Weight	lbs.	4.2
Packed Dimensions, H x W x D	in.	15.7" x 13" x 6.7"
Packed Weight	lbs.	6

Electrical		
		<b>2500MHz BRS</b>
Uplink Frequency Range	MHz	2496-2690
Downlink Frequency Range		2496-2690
Operating Bandwidth	MHz	194
Uplink Output Power	dBm	22
Uplink Maximum Gain	dB	80
Downlink Input Range	dBm	-95 to -55 (RSRP)
Downlink Maximum Gain	dB	80
Downlink Max Input Power	dBm	-10
ATT Adjustable Range (1dB step)	dB	0-30
System Delay (BDA Card)	μsec	≤ 10
VSWR		≤ 1.8
Input Power Voltage Internal from subrack	VDC	12
Power Consumption (max)	W	15

Environmental		
Operating Temperature	°F	+32 to +113
Operating Humidity		≤ 85%
Ingress protection		IP30
Heat Dissipation	BTU / h	51.15

Certifications

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

Ordering Information

	P/N	Description
Master Unit	MU-BDA-2500TDD	Master Unit BDA Card - 2500TDD Full Band