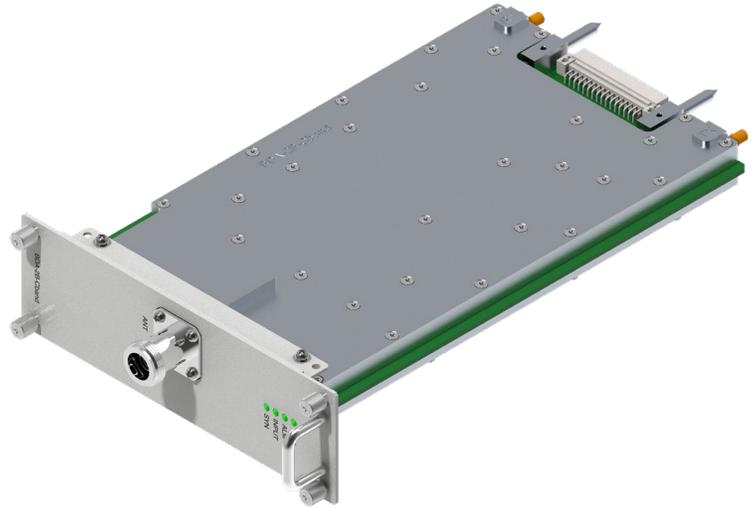


MU-BDA-2B-Cband

ComFlex NG Series Distributed Antenna System

Features

- Self-Commissioning
- Supports 2 off-air channels
- 100 MHz of Instantaneous Bandwidth for each channel
- Automated 5G TDD Synchronization
- 4.3-10 RF Connector



Product Description

The ComFlex NG series Bi-Directional Amplifier (BDA) Cband TDD cards enable TDD 5G off-air coverage. This wide band BDA card supports up to 100 MHz of instantaneous bandwidth per channel. The Master Unit supports up to 8 BDA cards combining multiple bands and operators.

Specifications

General		
Categories		ComFlex NG, Enterprise Wireless Communications
MTBF	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			
		3500MHz C Band DoD	3700MHz C Band
Uplink Frequency Range	MHz	3450-3550	3700-3980
Downlink Frequency Range		3450-3550	3700-3980
Operating Bandwidth	MHz	100	280
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	45	

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

Ordering Information

	P/N	Description
Master Unit	MU-BDA-2B-Cband	Master Unit BDA Card - CBand TDD DoD 3500 and 3700