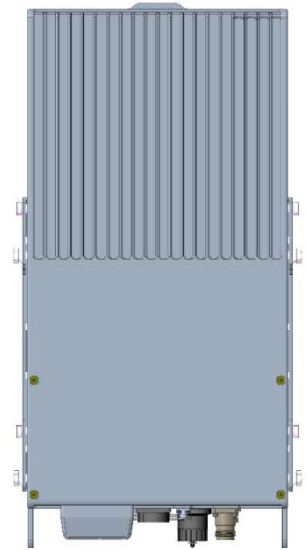


## ComFlex NG Series Medium Power Remote Units

### Features

- Supports up to 7 Independent Frequency Bands
- 5G Ready Analog DAS – Supports 2500BRS and C-Band
- Supports 194MHz of BRS and 380 MHz of C-Band Spectrum
- Up to 16 MPRU per Master Unit
- Support AC or DC
- Wall mounting



### Product Description

The ComFlex NG series Medium Power Remote Unit (MPRU) is designed to bring improved signal quality in a compact efficient form factor. The MPRU supports up to 7 independent bands, LTE 700MHz, CELL 850 MHz, PCS 1900MHz, EAWS, BRS 2500TDD, C-Band 3700TDD and C-Band DOD. Supporting all part 20 off air FDD bands while integrating both BRS TDD and C-Band TDD, offers an efficient solution to bring immediate coverage solution.

## Specifications



General		
Categories		ComFlex NG, Enterprise Wireless Communications
MBTF @ 25° C	H	170,000

Optical		
Optical Fiber		Single Mode
Optical Wavelength	nm	1310, 1550 + WDM
Optical Output Power	dBm	6 to 8
Optical Receive Power (min.)	dBm	-10
End-to-End Reflectance	dB	< -60
End-to-End Optical Loss	dBo	< 8
Optical Automatic Gain Control Range	dB	8
Fiber Connector		SC/APC

Specifications									
			700MHz	850MHz	1900MHz	EAWS	2.5G band	C band	DOD
Frequency Band	Uplink	MHz	698-716 / 776-798	817-849	1850-1915	1695-1780	2496-2690	3700-3980	3450-3550
	Downlink		728-746 / 746-768	862-894	1930-2000	2110-2200			
Operating Bandwidth		MHz	18+22	32	65/90	85/90	194	280	100
Uplink Output Power (MPRU)		dBm	-15	-15	-15	-15	-15	-15	-15
Downlink Output Power (MRUc with BDA input, per carrier) FCC Part 20		dBm	10 dBm / 5MHz	10 dBm / 5MHz	10 dBm / 5MHz	10 dBm / 5MHz	37 (No FCC20 limit)	37 (No FCC20 limit)	37 (No FCC20 limit)
Downlink Output Power (MPRU)		dBm	30	30	33	33	37	37	37
Uplink Maximum Gain (MPRU)		dB	45	45	45	45	45	45	45
Downlink Maximum Gain (MPRU)		dB	40	40	43	43	47	47	47
ATT adjustable range(DL/UL)		dB	MPRU: 0 – 15						
Pass band of ripple		dB	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
Spurious emission			FCC	FCC	FCC	FCC	FCC	FCC	FCC
Uplink Noise Figure		dB	≤ 6						
Paths		/	7T7R						
Power Supply		/	AC(100-240V, 50-60Hz) or DC48V						
Power Consumption		W	190						

Mechanical		
Dimensions, H x W x D (approx.)	in	19.7 x 9.5 x 5.1
Weight (approx.)	lbs.	35.27
Packed Dimensions, H x W x D	in.	27.17 ×15.35 ×12.4
Packed Weight	lbs.	54
RF Connector		4.3-10 Female
Enclosure Cooling		Passive Cooling / External Fan, 2pcs
Installation Type		Wall mounting
MRU-8-Way Splitter RF Connector		Nex10-Female

Environmental		
Operating Temperature	°F	-4 to 131
Operating Humidity		15%~95%
Ingress protection		IP30
Heat Dissipation	BTU / h	153.45

## Certifications

MRU-78517192537	
UL Certification	UL 62368-1
FCC Certification	Industrial: PX8CFNG-MRU Consumer: PX8CFNG-MRUc

## Ordering Information

	P/N	Description
Remote Unit	MRU-78517192537-AC	Medium Power Remote Unit -700/850/1900/2100/2500/3700 with AC PSU
Remote Unit	MRU-7851719-AC	Medium Power Remote Unit - 700/850/1900/2100 with AC PSU
Remote Unit	MRU-2537-AC	Medium Power Remote Unit - 2500/3700 with AC PSU
Remote Unit	MRU-78517192537-DC	Medium Power Remote Unit - 700/850/1900/2100/2500/3700 with DC PSU
Remote Unit	MRU-7851719-DC	Medium Power Remote Unit - 700/850/1900/2100 with DC PSU
Remote Unit	MRU-2537-DC	Medium Power Remote Unit - 2500/3700 with DC PSU
Remote Unit	MRU-7851719c-AC	Medium Power Remote Unit - P20 - 700/850/1900/2100 with AC PSU
Remote Unit	MRU-7851719c-DC	Medium Power Remote Unit - P20 - 700/850/1900/2100 with DC PSU