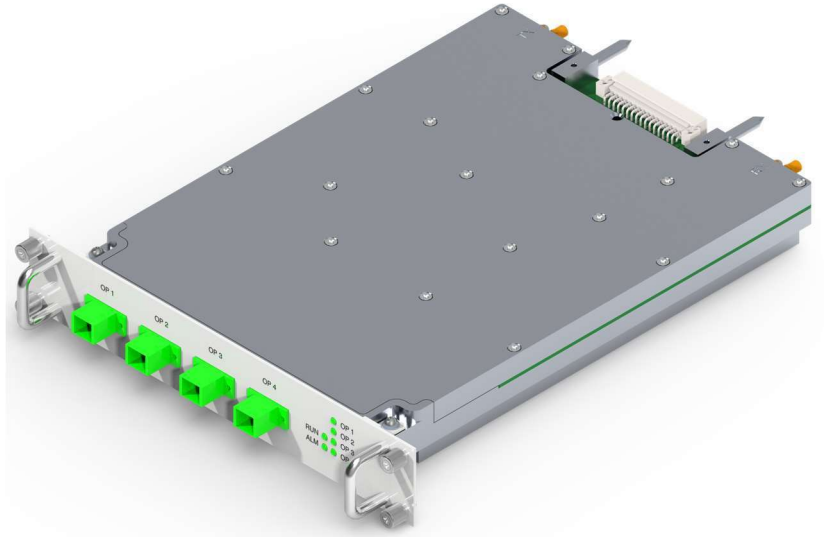


MU-FOU

ComFlex NG Series Distributed Antenna System

Features

- Supports 600MHz – 4GHz
- 8 dBo Link Budget
- Single Mode Fiber
- Optical Link auto gain control
- Connectivity to HUBs and Remote Units



Product Description

The ComFlex NG series Fiber Optic Unit (FOU) enables connectivity from the Master Unit (MU) to the HUBs, Medium Power Remotes, or High Power Remotes. The FOU supports RF to optical conversion to transport from 600MHz to 4GHz. Up to two FOU can be installed in each Master Unit, while each FOU supports up to 4 HUBs.

Specifications

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

Optical		
Operating Frequency		600MHz-1GHz, 1.7GHz-2.2GHz, 3.3GHz-4GHz
Optical Fiber		Single Mode
Optical Wavelength	nm	1310, 1550 + WDM
Optical Output Power	dBm	-2 to +2
Optical Receive Power (min.)	dBm	-3
End-to-End Reflectance	dB	< -60
End-to-End Optical Loss	dBo	< 8
Optical Automatic Gain Control Range	dB	8
Fiber Connectors		SC/APC
Max Remote Units or Hubs		4

Mechanical		
Dimensions, H x W x D	in.	6.9" x 9.6" x 1.5"
Weight	lbs.	3.7
Packed Dimensions, H x W x D	in.	15.7" x 13" x 6.7"
Packed Weight	lbs.	5.9

Electrical		
Input Power Voltage Internal from subrack	VDC	12
Power Consumption (max)	W	8.5

Environmental		
Operating Temperature	°F	+32 to +113
Operating Humidity		≤ 85%
Ingress protection		IP30
Heat Dissipation	BTU / h	28.985

Certifications

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

Ordering Information

	P/N	Description
Master Unit	MU-FOU	Fiber Optical Unit – 4 Optical Ports, 600-4000 MHz