ARU-HUB-AC

ComFlex NG Series Distributed Antenna System

Features

- Supports 600MHz – 4GHz
- 8 dBo Link Budget
- Single Mode Fiber
- Optical Link auto gain control
- Supports 16 ARU
- Integrated DC ARU Power over Coax
- Local Maintenance Access

Product Description

The ComFlex NG series fiber optic HUB uses single mode fiber to cellular coverage across an enterprise or campus. The ComFlex NG HUB is easy to install and only requires fiber and power connections to operate. The integrated DC Power Supply can energize up to 16 Active (Antenna) Remote Units. Power and RF is delivered via coax cable through the HUB's 8 N Female connections.

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Specifications may differ depending on region and customers' requirements.

Specifications

General		
Categories		ComFlex NG, Enterprise Wireless Communications
Local Maintenance		RJ45
Max ARU		16
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	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

Mechanical		
Dimensions, H x W x D	in.	18.0” x 12.5” x 5.0”
Weight	lbs.	23
Packed Dimensions, H x W x D	in.	23.6” x 17.7” x 8.7”
Packed Weight	lbs.	28.8
Installation Type		Wall

Electrical			
RF Connectors			N-Female
Downlink RF Connector		Qty	4
Uplink RF Connector		Qty	4
ARU Output Voltage per Connector Pair (max.)		VDC	53
ARU Output Current per Connector Pair (max.)		A	3
Power Supply	AC110/220V	VAC	100-240/47-63Hz
Power Consumption (max)		W	800 (with 16 ARU connected)

Environmental		
Operating Temperature	°F	+32 to +113
Operating Humidity		≤ 85%
Ingress protection		IP30
Enclosure Cooling		Chassis Fan
Heat Dissipation (max)	BTU / h	641.08 (with 16 ARU connected)

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Certifications

ARU-HUB-AC	
UL Certification	UL 62368-1

Ordering Information

	P/N	Description
Master Unit	ARU-HUB-AC	ComFlex NG Remote Fiber Hub for ARU – Supports up to 16 ARU

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