

ComFlex Series Distributed Antenna System

Optical Control Unit (OCU)

Features

- Modular design for easy upgrading and maintenance.
- Supports up to 8 RUs.
- Display the optical power loss of each optical port.



Specifications

Optical		
Optical Fiber		Single Mode
Optical Wavelength	nm	1550 + WDM
Optical Output Power	dBm	-4 to -2
Optical Return Loss	dB	> 50
Max. Optical Loss	dBo	6.5
Optical Automatic Gain Control	dBo	6.5
Fiber Connectors		SC/APC
Maximum Remote Unit per OCU		8

Electrical		
Frequency Range	MHz	690-2700
Return Loss	dB	≤ -15
Max. Downlink Input Power	dBm	10

Mechanical			
Dimensions, H x W x D	Rack	mm	44 x 485 x 450
	Fiber Optical Unit		37 x 185 x 299
Weight (approx.)	Rack	kg	4.7
	Fiber Optical Unit		2
Power Supply	DC		+28V (from ACU) @ 0.7A
Power Consumption (approx.)	W		20
RF Connectors			QMA-Female
Fiber Connectors			SC/APC
Operating Temperature	°C		0 to +45
Operating Humidity			≤ 85%
Ingress Protection			IP30
Enclosure Cooling			Convection
Installation Type			19" Rack

Ordering Information

	P/N	Description
OCU/Combiner	OCU-RK-ACU	ACU Optical Control Unit Rack
OCU/Combiner	MU01-FOU-SABFOP6	Master Unit / ACU Fiber Optical Unit - 4 optical ports