

UNITIVITY 5000



Service Module

Service Modules connect to the wireless operator or public safety source(s) or to a Point of Interface (POI). The Primary Hub supports up to four Service Modules. They are hot swappable units, allowing for the addition of operators/frequencies without disrupting service or system maintenance.



Optical Module

Optical Modules provide a duplex fiber connection from the Primary Hub to a Secondary Hub or Remote Unit. Up to eight Optical Modules can be installed in a Primary Hub. They are hot swappable units, allowing for system maintenance or the addition of Secondary Hubs or Remotes without impacting service.



Transport Module

A fiber transport link is created by inserting the Transport Module in the front of the centralized Hub chassis and in the rear of the remote Hub chassis. Up to eight Transport Modules are easily fitted into the centralized Hub unit, feeding up to eight separate remote locations.

Project Examples

Airports

Denver International
Denver, CO
King Abdulaziz International
Jeddah, Saudi Arabia
Queen Alia International
Amman, Jordan

Enterprise

Astra Zeneca Headquarters
Cambridge, UK
Genentech Headquarters
San Francisco, CA
Southwest Airlines
Dallas, TX
Sky Media Headquarters
London, UK

Public Venues

Convention Centre Dublin
Dublin, Ireland
Lincoln Center for the Performing Arts
New York, NY
Pepsi Center
Denver, CO
The National 9/11 Memorial & Museum
New York, NY
West Kowloon Cultural District
Hong Kong

Healthcare

Adventist Medical Health Center
Northern CA
Broomfield Hospital
Chelmsford, Essex UK
Erasmus Medical Center
Rotterdam, Netherlands
Santa Clara Valley Medical Center
San Jose, CA

Hospitality

Imperial Pacific Resort
Saipan
MGM Resorts
Macau

Universities

Montana State University
Bobcat Stadium, Bozeman, MT
Ohio State University
Columbus, OH
University of Alabama
Birmingham, AL
Muhlenberg College
Bensalem, PA

Mid Band Remote Data Sheet

Service Module Specifications

MAXIMUM NUMBER PER PRIMARY HUB	4	
RF INPUT POWER	-5 dBm (MIN) TO +15 dBm (MAX)	WORKING INPUT POWER
VSWR	1.5	
CONNECTIVITY	N-FEMALE	TX AND RX PER SERVICE MODULE
DIMENSIONS W / D / H (mm)	1.2" (31) x 4.8" (123) x 4.6" (116)	
WEIGHT	0.7 LBS (0.3 Kg)	UNPACKED

Optical Module Specifications

MAXIMUM NUMBER PER PRIMARY HUB	8	
OPTICAL LOSS PER LINK	UP TO 5 dBO	PRIMARY HUB TO SECONDARY HUB OR PRIMARY HUB TO REMOTE
OPTICAL TRANSMIT POWER	4.5 mW (MIN) TO -10 mW (MAX)	AUTO-CONFIGURED BY SOFTWARE
OPTICAL RECEIVE POWER	10 mW (MAX)	
RETURN LOSS	BETTER THAN 45 dB	FOR ALL FIBER CONNECTIONS IN THE SYSTEM
CONNECTIVITY	SC/APC DUPLEX	SINGLE MODE 9/125 μm FIBER, ALL CONNECTIONS FOR OPTIMUM PERFORMANCE
DIMENSIONS W / D / H (mm)	1.2" (31) x 4.6" (117) x 4.6" (116)	
WEIGHT	0.6 LBS (0.28 Kg)	UNPACKED

Transport Module Specifications

MAXIMUM NUMBER PER PRIMARY HUB	8	
OPTICAL LOSS PER LINK	UP TO 5 dBO	CENTRAL HUB TO PRIMARY HUB
OPTICAL TRANSMIT POWER	4.5 mW (MIN) TO -10 mW (MAX)	AUTO-CONFIGURED BY SOFTWARE
OPTICAL RECEIVE POWER	10 mW (MAX)	
RETURN LOSS	BETTER THAN 45 dB	FOR ALL FIBER CONNECTIONS IN THE SYSTEM
CONNECTIVITY	SC/APC DUPLEX	SINGLE MODE 9/125 μm FIBER, ALL CONNECTIONS FOR OPTIMUM PERFORMANCE
DIMENSIONS W / D / H (mm)	1.2" (31) x 4.6" (117) x 4.6" (116)	
WEIGHT	0.6 LBS (0.28 Kg)	UNPACKED

Approvals & Listings

EUROPE	CE MARKED FOR RADIO EQUIPMENT DIRECTIVE 2014/53/EU AND ROHS DIRECTIVES 2011/65/EC
USA FCC	FCC CERTIFIED
CANADA	INDUSTRY CANADA CERTIFIED
SAFETY	IEC 60950-1; EN 60950-1; UL60950-1, UL LISTED-E486578
LASER SAFETY	IEC 60825-1:2007

Ordering Information

LOW BAND	150 MHZ TO 2.7 GHZ	MID BAND	3.3 GHZ TO 4.7 GHZ	ULTRA WIDE BAND	150 MHZ TO 4.7 GHZ
305-0002	OPTICAL MODULE	306-0002	OPTICAL MODULE	307-0002	OPTICAL MODULE
305-0003	SERVICE MODULE	306-0003	SERVICE MODULE	307-0003	SERVICE MODULE
305-0005	UNITRANSPORT MODULE	306-0005	UNITRANSPORT MODULE	307-0005	UNITRANSPORT MODULE

Ordering Information

LEARN MORE AT [ZINWAVE.COM](https://www.zinwave.com)

CATALOG # ITEM DESCRIPTION

306-0007 MID BAND REMOTE, 3.3 GHz - 4.7 GHz