

# zinwave 5000 Modules



## Service Module

Service Modules connect to the wireless operator, 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.

## Detailed Specifications

### Service Module



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



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	SC/APC CONNECTIONS REQUIRED 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



MAXIMUM NUMBER PER PRIMARY HUB	8	
OPTICAL LOSS PER LINK	UP TO 5 dB <sub>o</sub>	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
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## 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
305-0002	OPTICAL MODULE
305-0003	SERVICE MODULE
305-0005	TRANSPORT MODULE

## Support



**2 YEAR WARRANTY FROM PURCHASE**

**US Web:** wilsonconnectivity.com

**INTL Phone:** +44 1224 982031

**US Phone:** +1 800 871 1612

### OPTICAL MODULE

305-0002



### SERVICE MODULE

305-0003



### TRANSPORT MODULE

305-0005



FOR PARTNER'S USE

**\*WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.