

1. APPROVED ANTENNAS:

The ZLRT9600 Module is designed to be used only with certain antenna products. Zeus offers the antennas listed below as compliant with FCC Certification for the ZLRT9600. Zeus uses a unique mechanical connection for all external mount antennas to ensure that only compliant antennas are used with the ZLRT9600 Module. The manufacturers below must agree to provide the customer antennas, built to particular Zeus specifications, with this unique mechanical connection. Zeus does not endorse the use of any other antenna than those listed below.

Manufacturer	Model #	Gain (dBi)	Dimension (Inches)	Note
Yagi Antennas				
Zeus	ZY7000	11.5	12	
Zeus	ZY7500	16.1	26	(1)
Astron	P-2406	6	4	
Astron	P-2409	9	8	
Astron	P-2412	12	16	
Maxrad	MYP-24008	8.8	7.25	
Telex	2418AA	5	4.5	
Telex	2409AA	8.8	7.25	
Telex	2417AA	10.7	4.5	
Patch Antennas				
Zeus	ZP5100	7.5	4.5 x 6 x 1.5	
Cushcraft	S2401290P12NF	12	24	
Omni. Antennas				
Zeus	ZD1100	2	6	
Zeus (Connector)	2501	2	6	
Zeus	ZA2100	6	12	
Maxrad	MPA-2450	1	4.3	
Maxrad	MQW-2400SM	1	2.5	

Note: (1) May be used in Point-to-Point communication links only.

Each ZLRT9600 comes pre-configured for point-to-point operation and can therefore be used with all of the antennas listed below. Zeus offers a host to multi-point option for sale to its customers, which requires the customer to emplace a special hardware key and Network Management Software Program to enable this functionality. The software installation process clearly states that a Host unit should not be configured with any high gain antenna as contained in **Note (1)**.

NOTICE TO OPERATORS

Notice to user/installer using the 16 dBi Yagi antenna in conjunction with the ZLRT9600 module.

FCC rules limit the use of this antenna, when connected to the ZLRT9600 module, to fixed single-point to single-point applications only. This specification excludes the use of Host-to-Multipoint, Omni-directional applications and multiple co-located intentional radiators transmitting the same information. The user/installer of this product is responsible for ensuring that the system is used exclusively for fixed, point-to-point operation.

Notice to user/installers using the Approved Antenna list in conjunction with the ZLRT9600 module.

The field strength radiated by any one of the following antennas, when connected to a transmitting ZLRT9600 module, may exceed FCC mandated RF exposure limits. FCC rules require professional installation of these antennas in such a way that the general public will not be closer than the minimum aperture clearance listed below. End users of these systems must also be informed that RF exposes limits may be exceeded if personnel come closer than the minimum aperture clearance of any of these antennas.

Manufacturer	Model #	Minimum Aperture Clearance
Yagi Antennas		
Zeus	ZY7000	20 cm
Zeus	ZY7500	30 cm
Astron	P-2406	10 cm
Astron	P-2409	15 cm
Astron	P-2412	20cm
Maxrad	MYP-24008	15 cm
Telex	2418AA	10 cm
Telex	2409AA	15 cm
Telex	2417AA	15 cm
Patch Antennas		
Zeus	ZP5100	15 cm
Cushcraft	S2401290P12NF	20 cm
Omni. Antennas		
Zeus	ZD1100	5 cm
Zeus (Connector)	2501	5 cm
Zeus	ZA2100	10 cm
Maxrad	MPA-2450	5 cm
Maxrad	MQW-2400SM	5 cm