



Directional Yagi Antennas 3.5 GHz WiMAX

- Slim attractive profile, 7.5" total length including mounting bracket
- High Gain 9 dBi for efficient point to point
- Pole or Wall-mount makes installation quick and easy
- Mounting bracket allows 45° vertical and horizontal adjustment

This high quality and reliable Yagi Antenna is perfect for systems that require high gain directional 3.5 GHz WiMAX. In a small, compact package.

The slim attractive profile makes this antenna suitable for indoor or outdoor use. It utilizes an ASA exterior, which makes discoloration by UV rays nearly impossible even if the product is exposed to many years in the sunlight.

The antenna is compact and aesthetically pleasing. It measures only 7 1/2 inches (191 mm) from the mounting base to the tip of the antenna.

Its slim profile is even more impressive, measuring only 0.56 inches (14 mm) from side to side. This small width provides an unobtrusive head on view.

The broad frequency range allows for applications such as mesh systems, point-to-point or point-to-multi-point. It can also be used for wireless video either covering the corridors of a warehouse filled with steel shipping racks or providing the outdoor security for the building's perimeter.

The mounting options for this antenna make it very versatile; from

pipe mounting to wall mounting installation of this antenna is a breeze.

The unique adjustable mount has a 45° adjustable range both in the vertical range and the horizontal range.

Cable assemblies are available including RF-195, RG-58, LMR-240 and LMR-400. Choices of connectors include SMA, TNC, and N connectors. Please contact your sales representative for cable assembly options as they are customized and made to order.

This is a high quality and reliable antenna that has been designed and built in the US, and meets the ROHS standard.

Model #	Description	Frequency
YAG9-3500-3C-GRY-12	9 dBi Yagi	3.4-3.7 GHz
YAG-PMK	Optional pipe mount	
For cable jumpers & other connectors, please contact your sales representative		

Specifications			
Frequency:	3400-3700 MHz	Adjustment:	up to 45° adjustable range vertical and horizontal
Gain:	9 dBi	Radome Size:	2.75" H x 6.35" L x 0.56" W (7 cm x 16cm x 1.4 cm)
VSWR:	2:1 max over range	With Wall Mount	2.75" x 7.5" (19.1 cm) x .56"
Impedance:	50 Ohm nominal	Weight:	.5 lbs (0.23 kg)
Maximum Power:	25 Watts	Termination:	1 ft (30.5 cm) RF-195/SMA Plug
Beamwidth:	70° elevation, 80° azimuth		
Front-to-Back ratio:	Better than 15 dB		
Operating Temp:	-40°C to +85°C		
Lightning Protection:	External recommended		
Antenna Radome:	Grey ASA		
Mounting:			
Standard	45° adjustable Swivel Wall Mount		
Optional	45° adjustable Swivel Pipe Mount		