



Directional Yagi with
Standard wall mounting



Optional Swivel pipe
mounting

Directional Yagi Antennas High frequency 4.4-6.0 GHz

- Slim attractive profile, 7.5" total length including mounting bracket
- High gain for efficient point-to-point
- Easy installation; wall or pole-mount
- Can be used for DAS & In-building applications or mounted outside

This high quality and reliable Yagi Antenna can be used for any of the wireless applications that fall in the 4.4-6.0 GHz frequency range. These include WiFi 5 GHz, DSRC 5.9 GHz, Public Safety 4.9 GHz or Military 4.4 GHz.

The YAG12 antenna's compact size also makes it a nature choice for In-building installations.

The YAG12 Series offers 10 dBi gain from 4.4-5.4 GHz and 12 dBi gain from 5.47-6.0 GHz. This makes the antenna very effective for applications such as mesh systems, point-to-point or point-to-multi-point.

ISP and Service Providers will find these antennas particularly efficient for short range backhaul applications or for providing coverage in hard to cover areas such as in an in-building corridor.

The antenna's compact profile and subdued grey color helps this Yagi fit in anywhere. The antenna measures only 6.35" long x 2.75" high x .56" wide (16 cm x 7 cm x 1.3 cm). The slim profile makes this antenna aesthetically pleasing for indoor use.

The radome is made from ASA, which resists discoloration by UV rays even if the product is exposed to many years of sunlight.

Mounting options for this antenna include both wall mounting and optional pipe mounting. 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.

Model #	Gain	Connector
YAG12-5500-3C-GRY-12	10 & 12 dBi	SMA Plug
YAG12-5500-3X-GRY-12	10 & 12 dBi	N Plug
YAG-PMK	Optional pipe mount	
For cable jumpers & other connectors, please contact your sales representative		

Specifications			
Frequency & Gain:	4.4-5.4 GHz, 10 dBi 5.47-6.0 GHz, 12 dBi	Adjustment:	Both vertical and horizontal adjustment up to 45°
VSWR:	2:1 max over range	Pole mount size:	Fits up to to 2.5" (6.4 cm) OD
Impedance:	50 Ohm nominal	Radome Size:	2.75" H x 6.35" L x 0.56" W (7 cm x 16 cm x 1.4 cm)
Maximum Power:	25 Watts	Size with mount:	2.75" x 7.5" x .56" (7 cm x 19 cm x 1.4 cm), fits masts up to 2.5" (6.4 cm) OD
Beamwidth:	30° elevation, 55° azimuth	Cable:	1 ft (30.5 cm) RF-195
Front-to-Back ratio:	Better than 15 dB	Termination:	SMA Plug or N Plug, others available
Operating Temp:	-40°C to +85°C	Shock & Vibration	EN 300 019-2-4, IEC 60068
Lightning Protection:	External recommended	Water Ingress:	IPx5
Antenna Radome:	Grey ASA		
Weight:	.5 lbs (0.23 kg)		
Mounting:			
Standard	45° adjustable Swivel Wall Mnt.		
Optional	45° adjustable Swivel Pipe Mnt.		