

Smart Bracket for TNA-305X

MOUNTS Tachyon TNA-305X WITH ASYMMETRICAL HORN ANTENNAS

The BR-WG3 Smart Bracket adds a dedicated mounting point that allows the Tachyon TNA-305X to be installed directly on any RF elements Asymmetrical Horn Antenna. This creates a clean, space-efficient setup ideal for deployments where a 90° Asymmetrical Horn serves as a failover 5/6 GHz antenna and as a supporting mounting structure. Once mounted, the Tachyon TNA-305X can be aligned in azimuth and elevation together with the horn, ensuring precise and coordinated positioning. The horizontal mounting orientation also saves valuable vertical tower space, enabling more efficient stacking of equipment.

BR-WG3 is compatible with any RF elements Asymmetrical Horn Antenna featuring the structural aluminum ring. The mounted Wave AP device can use the horn either as a failover antenna or simply as a smart mounting point to build a more compact, more integrated installation. Up to two BR-WG3 brackets can be installed on a single 4x4 Asymmetrical Horn (one on each side).

Although BR-WG3 was designed specifically for the Tachyon TNA-305X, its platform offers broad compatibility. It can also mount various devices such as 60 GHz access points, cameras, IoT sensors, other compact CPE or radio units. This makes the BR-WG3 an extremely flexible and versatile mounting solution for modern wireless deployments.

TECHNICAL DATA

Materials	Extruded Aluminum Profile with passivated surface, Stainless Steel hardware
Environmental	RoHS
Flame Rating	UL 94 HB
Provided Mounting Diameter	40 mm (1.6 inch)
Temperature	-30°C to +55°C (-22°F to +131°F)
Wind Survival	180 km/h (110 mph)
Mechanical tilt	provided by the base antenna

COMPATIBLE ANTENNAS

5 GHz Horn Antennas	
2x2	AH90-TP, AH2030-TP, AH60-TP, AH20-CC, AH30-CC, AH60-CC, AH90-CC
4x4	AH90-4x4-SMA, AH60-4x4-SMA

6 GHz Wideband Horn Antennas	
2x2	AH90WB, AH60WB, AH45WB
4x4	AH90WB-4x4-SMA, AH60WB-4x4-SMA

Mounted device	Tachyon Networks TNA-305X any device that fits mounting tube provided by the bracket. the weight limit 3 kg / 7 lbs
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MODELS AND PACKAGING

Product ID	BR-WG3
Package type	Plastic bag
Package Contains	BR-WG3 Bracket Mounting Hardware
Weight	0.3 kg / 0.7 lbs single unit 0.3 kg / 0.7 lbs single unit incl package 7.6 kg / 16.8lbs 20 units in wholesale carton
Single Unit	200 x 40 x 200 mm / 7.9 x 1.6 x 7.9 inch
Carton	540 x 300 x 240 mm / 21 x 12 x 9 inch

PRODUCT DIMENSIONS

