

Technical Specification

1.85-1.99GHz, 5dBi Gain

BS1850XL3

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts, you can expect years of continuous service.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. They are then encased in a fiberglass radome for total environmental protection.

Elegant and Weatherproof: The fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy powder coated for superior weather protection.

Lightweight: These antennas are lightweight at less than 3 lbs.

Simple Installation: These antennas are terminated with an N type female connector or an optional pigtail.



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	1850-1990MHz
GAIN:	5dBi (3dBd)
VERT BEAMWIDTH:	40°
BANDWIDTH:	140MHz@ <2.0:1
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	1" (2.5cm) dia. white UV fiberglass
OVERALL LENGTH:	18" (46cm)
TERMINATION:	Female "N"
MOUNTING SLEEVE:	1.35 3.4cm)dia. X 3 1/2" 8.8cm)long
WEIGHT:	2 lbs (907g)
FLAT PLATE AREA:	.083 ft ²
WIND RATING:	125 Mph (201kph)
LATERAL THRUST:	5.6 lbs. (2.5kg)

Vertical Pattern

