

COMTELCO

Technical Specification

BS1850XL3

1.85-1.99GHz, 5dBi Gain

OMNI 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" dia. white UV fiberglass
OVERALL LENGTH:	16"
TERMINATION:	Female "N"
MOUNTING SLEEVE:	1.35 dia. X 3 1/2" long
WEIGHT:	2 lbs
FLAT PLATE AREA:	.083 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	5.6 lbs.

Vertical Pattern

