

# COMTELCO

## Technical Specification

**B2543B, W**

**440-512 MHz 3dB Gain**

**LOW PROFILE CEILING MOUNT ANTENNA**

**Performance:** These antennas provide Ultra Wideband coverage for ceiling mounted service within the 440-512MHz bands providing slightly better than 3dB gain. They have a high power handling capacity of 200 watts.

**Stylish and Durable:** These antennas are manufactured using the finest materials and finishes available. The covers are molded using UV inhibited ABS plastic and are available in a white finish. They blend in well with existing ceiling tile installations.

**Reliable:** The ABS base has an ultrasonically welded brass insert and a gold plated spring loaded contact.

**Mounting:** These antennas can be used in ceiling mount applications to provide omni-directional operation. An optional UTCM ceiling mount provides an easy way to install through standard ceiling tiles.



### ELECTRICAL SPECIFICATIONS:

**FREQUENCY RANGE:** 440-512MHz  
**BANDWIDTH:** 20 MHz  
**GAIN:** 3dB  
**VSWR:** <2:1 @ 20MHz  
**IMPEDANCE:** 50 ohms  
**POWER RATING:** 200 watts

### MECHANICAL SPECIFICATIONS:

**BASE:** ABS, NMO  
**HEIGHT:** 1 1/2"  
**DIAMETER:** 4 1/4"  
**MOUNTING:** Low Loss NMO or UTCM  
**COLOR:** B - Black  
W - White

**Vertical Pattern**

