

# COMTELCO

## Technical Specification

2Y3347CC

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### 406-512 MHz 13.2dB Gain HEAVY DUTY STACKED YAGI ANTENNA KIT

**High Performance:** This kit includes 2 Y3347 heavy duty yagi antennas that are terminated with Type N male connectors that mate with a CC450 which is also supplied. This combination provides 13.2dBd gain of wide band performance.

**Rugged and weatherproof:** The construction of our heavy duty yagis feature 1" aluminum U channel with 3/8" solid elements. All exposed areas are coated with UV polyester. The balun assembly is filled and sealed with elastomeric thermoplastic.

The CC450 is completely sealed for weatherproof operation. The mounting holes provide the proper spacing for stacking. The system uses standard 50 ohm cable.

**Lightweight and Durable:** This kit can be easily installed by one person. It is designed to provide years of dependable service.

Picture Not Available

#### ELECTRICAL SPECIFICATIONS:

|                       |   |
|-----------------------|---|
| <b>GAIN:</b>          | 13.2dBd   |
| <b>FRONT TO BACK:</b> | 20dB  |
| <b>FREQUENCY:</b>     | -A 406-430MHz<br>-B 430-450MHz<br>-C 450-470MHz<br>-D 470-490MHz<br>-E 490-512MHz |
| <b>VSWR:</b>          | 1.5:1°  |
| <b>IMPEDANCE:</b>     | 50 ohms   |
| <b>RATING :</b>       | 300 watts   |

#### MECHANICAL SPECIFICATIONS:

|                         |  |
|-------------------------|--|
| <b>MATERIAL:</b>        | 1" aluminum U channel boom<br>3/8" solid aluminum elements |
| <b>FINISH:</b>          | UV inhibited polyester coat                                |
| <b>BOOM LENGTH:</b>     | 44"  |
| <b>WEIGHT:</b>          | 8 lbs.   |
| <b>MOUNTING:</b>        | 2 3/8" mast, stainless hardware                            |
| <b>FLAT PLATE AREA:</b> | .935 ft <sup>2</sup>                                       |
| <b>WIND RATING:</b>     | 125 MPH  |
| <b>WIND LOAD:</b>       | 63.1 lbs.  |