RP2-C BAND

FOR NEW AND UPGRADING OLD SYSTEMS

SPECIFICATIONS FOR C BAND

MODEL......................................... RP2
F/D RANGE................................... 0.335 TO 0.275
FREQUENCY................................ 3.7 TO 4.2 GHz
VSWR ........................................... 1.45 AVERAGE OVER BAND
RF PORT...................................... WR-229
POLARIZATION ISOLATION..... 25 Db
POLARIZATION FORMAT........... LINEAR V/H
POLARIZATION OPERATION... 3 WIRE SERVO TYPE + 5 VDC
ROTATION................................... 180° ± 15° (3 wire servo)
MOUNTING...... 3 & 4 HOLE PATTERN ¼²ON A 5.750² B.C.
PAINT TYPE................................ POWDER COATED
PAINT COLOR.............................. GRAY
WEIGHT........................................ 2.0 Lbs.
OPTION......................................... OP-515, OP-130

RP2-CKU

FOR NEW AND UPGRADING OLD SYSTEMS

SPECIFICATIONS FOR C BAND

MODEL......................................... RP2-CKU*
F/D RANGE................................... 0.335 TO 0.275
FREQUENCY................................ 3.7 TO 4.2 GHz
VSWR ........................................... 1.45 AVERAGE OVER BAND
RF PORT...................................... WR-229
POLARIZATION ISOLATION..... 25 Db
POLARIZATION FORMAT........... LINEAR V/H
POLARIZATION OPERATION... 3 WIRE SERVO TYPE + 5 VDC
ROTATION................................... 180° ± 15° (3 wire servo)
MOUNTING...... 3 & 4 HOLE PATTERN ¼²ON A 5.750² B.C.
PAINT TYPE................................ POWDER COATED
PAINT COLOR.............................. GRAY
WEIGHT........................................ 2.0 Lbs.
OPTION......................................... OP-130

SPECIFICATIONS FOR KU BAND

MODEL......................................... RP2-CKU
FREQUENCY................. 10.95 TO 11.7 OF 11.7 TO 12.5 GHz
VSWR......................................... 1.45 AVERAGE OVER BAND
RF PORT...................................... WR-75
POLARIZATION ISOLATION..... 25 Db
POLARIZATION FORMAT........... LINEAR V/H
POLARIZATION OPERATION... C BAND MOTOR
ROTATION................................... 180° ± 15° (3 wire servo)
MOUNTING............. CO-BORSIGHT IN CENTER OF C BAND
FEATURES

- Feed made in the USA (see pg A)
- Dual hybrid moding
- Controls "TI" interference
- No parts to install or change from one F/D ratio to another
- Gray powder coated paint and oven baked to 400° F
- Servo motor 100% tested (see pg A)
- Precision die castings
- Precision waveguide flange with water tight gasket
- Precision 90° elbow built in
- Precision probe and probe holder are high performance and an exclusive A.D.L. design
- Thermal insulator between feed and servo motor helps eliminate motor freeze-up in cold weather and overheating in hot weather
- The motor mount pad is raised, helps prevent water from entering the feed
- Feed mounting holes are 1/4". One 4 hole pattern and one 3 hole pattern. All hole patterns are alphabetically marked
- No scalar ring to adjust

FEATURES

- Upon request international broadband 10.95 - 12.5 GHz KU
- Feed made in the USA
- "Patented dual frequency microwave feed assembly"
- Dual hybrid moding
- Controls "TI" interference
- No parts to install or change from one F/D ratio to another
- Gray powder coated paint and oven baked to 400° F
- Servo motor 100% tested
- Precision die castings
- Precision waveguide flange with water tight gasket
- Precision 90° elbow built in
- Precision probe and probe holder are high performance and an exclusive A.D.L. design
- Thermal insulator between feed and servo motor helps eliminate motor freeze-up in cold weather and overheating in hot weather
- The motor mount pad is raised, helps prevent water from entering the feed
- Feed mounting holes are 1/4". One 4 hole pattern and one 3 hole pattern on a 5.750 B.C. All hole patterns are alphabetically marked
- No scalar ring to adjust