PRO-LINE FOR THE SYSTEM THAT USES TWO DEDICATED CIRCULAR POLARITIES

The PRO-LINE feeds use a die cast quarter wave plate that does not have the losses commonly encountered when using DIELECTRIC PLATES in C and linear feeds. The increase in carrier to noise ratio is generally in the one dB range making the Pro-Line the clear leader in performance.

The CP-OR100 Pro-Line feed will simultaneously receive right hand circular and left hand circular polarities. The two LNBs are mounted vertically. The LNB mounting holes are tapped 1/4"-20. The WR-229 flanges are part of the O.M.T. transducer that can be rotated to achieve the desired circular polarization. This is helpful at the time of installation making fine tuning adjustments easy and accurate. The CP-OR100 has the same outstanding "TI" rejection that all A.D.L. Dual Mode feeds have. The CP-OR100 is die cast aluminum, powder coated and oven baked to 400° F for a long lasting finish.

PRO-LINE

The CP-300 Pro-Line feed is a single polarity feed. The WR-229 flange is part of a round to rectangular O.M.T. transition that can be rotated to achieve the desired circular polarization. This is helpful at the time of installation making fine tuning adjustments easy and accurate. The CP-300 has the same outstanding "TI" rejection that all A.D.L. Dual Mode feeds have. The CP-300 is die cast aluminum, powder coated and oven baked for a long lasting finish.
SPECIFICATIONS FOR C BAND

**CP / CP-100**
- MODEL: CP-0R100
- F/D RANGE: 0.335 TO 0.425
- FREQUENCY: 3.7 TO 4.2 GHz
- VSWR: 1.45 AVERAGE OVER BAND
- RF PORT: 2 EACH WR-229
- POLARIZATION ISOLATION: 40 dB
- POLARIZATION FORMAT: CIRCULAR LHC/RHC
- POLARIZATION OPERATION: MANUAL SIMULTANEOUS
- MOUNTING: 3 & 4 HOLE PATTERN 1/4" ON A 5.750" B.C.
- PAINT TYPE: POWDER COATED
- PAINT COLOR: GRAY
- WEIGHT: 4.75 Lbs.
- OPTION: OP-125, OP-130

**CP-300**
- MODEL: CP-300*
- F/D RANGE: 0.335 TO 0.425
- FREQUENCY: 3.7 TO 4.2 GHz
- VSWR: 1.45 AVERAGE OVER BAND
- RF PORT: WR-229
- POLARIZATION ISOLATION: 40 dB
- POLARIZATION FORMAT: CIRCULAR RHC/LHC
- POLARIZATION OPERATION: MANUAL
- MOUNTING: 3 & 4 HOLE PATTERN 1/4" ON A 5.750" B.C.
- PAINT TYPE: POWDER COATED
- PAINT COLOR: GRAY
- WEIGHT: 3.0 Lbs.
- OPTIONS: OP-125, OP-130

SPECIFICATIONS FOR KU BAND

**RP1 CP400-CKU**
- MODEL: RP1 CP400-CKU*
- FREQUENCY: 10.95 TO 11.7 OR 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
- MOUNTING: CO-BORSIGHT IN CENTER OF C BAND