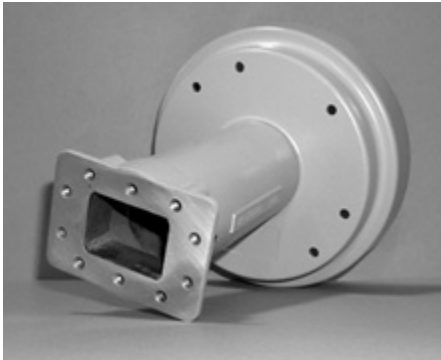



Feed C-Band Circular Single and Dual Polarization

	ADL-RP1-CP300	ADL-RP1-CPOR-100
		
<u>Model</u>	ADL-RP1-CP300	ADL-RP1-CPOR-100
<u>Frequency</u>	3.7 - 4.2 GHz	3.7 - 4.2 GHz
<u>Polarities</u>	1 C	2 C
<u>F/D Range</u>	.335 - .425	.335 - .425
<u>Polarization</u>	Circular LHC/RHC	Circular LHC/RHC
<u>RF Port</u>	1 WR-229	2 WR-229
<u>Mounting</u>	3 & 4 Hole Pattern 1/4" on a 5.750°	3 & 4 Hole Pattern 1/4" on a 5.750°
<u>Polarization Operation</u>	Manual	Manual
<u>VSWR</u>	1.45 Average	1.45 Average
<u>Polarization</u>	20 dB typ	20 dB typ

<u>Isolation</u>		
<u>Rotation</u>	360°	360°
<u>Weight</u>	3 LBs	4.75 LBs

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 [ADL-RP1-CP300](#) 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.

The [CP-OR100](#) Pro-Line feed will simultaneously receive right hand circular and left hand circular polarities. The two LNBS are mounted directly. 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.