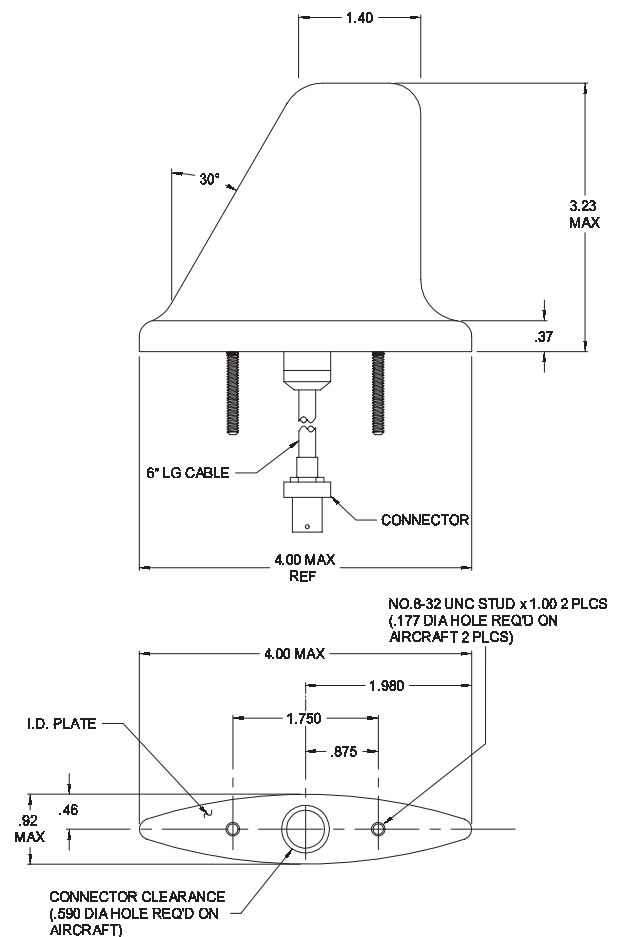


## Frequency • 960-1220 MHz & 1030-1090 MHz

Broadband and rugged antenna designed for DME or transponder use. Antenna assembly encased in a glass reinforced polyester molded shell. CI 105-9 comes standard with a 6" extension coax cable and BNC connector. This model offers standard two stud mounting, where the studs are extended to 1 inch in length.



MODEL		CI 105-9 DME / Transponder
<b>Electrical</b>		
Frequency	960 to 1220 MHz 1030 to 1090 MHz	
VSWR	1.5:1 960 to 1220 MHz 1.3:1 1030 to 1090 MHz	
Polarization	Vertical	
Radiation Pattern	Equivalent of $\lambda / 4$ Stub	
Impedance RF	50 Ohms	
Resistance DC	Open Circuit	
Power RF	2.5 KW Peak	
<b>Mechanical</b>		
Weight	0.24 lb.	
Height	3.23 in.	
Material	Molded Radome	
Finish	Polyurethane Enamel	
Connector	BNC (female) on 6 in. coax cable	
<b>Environmental</b>		
Temperature	-54°C to +55°C	
Altitude	70,000 ft.	
Air Speed	400 Knots TAS at 25,000 ft.	
<b>Federal Specifications</b>		
RTCA Environmental	DO-160C	
Environmental Category	[E1]-B[CLY]XRHXXXXXXXXXXXXXX	
FAA TSO	C66b, C74c	
RTCA MOPS	DO-144, DO-189	
<b>ORDER OPTIONS</b>		
<b>Connector</b>		
BNC	With integral 6 inch coax cable	
<b>Color</b>		
White	Standard	
<b>Gasket</b>		
	B10505	



**Warning:** Drawing not to scale. Use factory supplied drawings and specifications for installation. Call Comant for updated drawings.  
©2004 Comant Industries Inc. Patented. Other Patents Pending