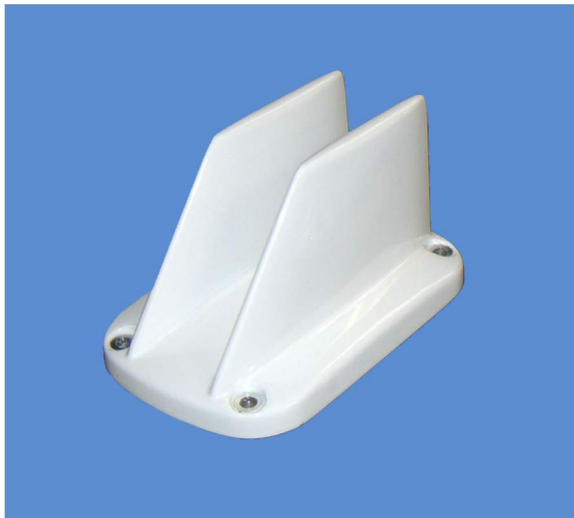


# TCAD II S72-1750-32L

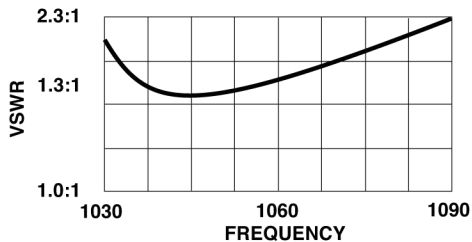


## DESCRIPTION

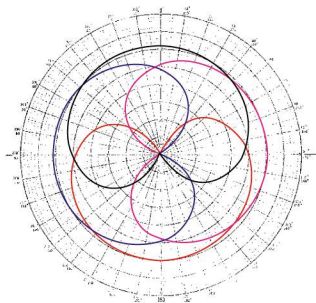
**S72-1750-32L:** Traffic Collision Alert Device (TCAD II) antenna. It is a low-profile dual blade antenna designed for mounting on the bottom of the aircraft. The mounting configuration of this antenna features a directional four-element array that is compatible with the Avidyne TCAD II system.

**Federal & Military Specs:** FAA TSO-C74c, DO-160C, MIL-D-5400H, MIL-STD-454 and MIL-STD-810C.

## PERFORMANCE



## RADIATION PATTERN



SPECIFICATIONS	
<b>ELECTRICAL</b>	
Frequency	1030 ± 1 MHz 1090 ± 3 MHz
VSWR	≤ 2.0:1 (1030 MHz) ≤ 2.3:1 (1090 MHz)
Polarization	Vertical
Impedance	50 Ohms
Power Handling	10 Watts
<b>MECHANICAL</b>	
Weight	12 oz.
Height	1.36 in.
Material	6061-T6 Aluminum Alloy/Thermoset Plastic
Finish	Skydrol Resistant Enamel
Connector	TNC Female (2)
<b>ENVIRONMENTAL</b>	
Temperature	-55°C (-67°F) to +85°C (+185°F)
Altitude	55,000 ft.
Vibration	10 G's
Shock	30 G's

