



C-Band S67-4600/S67-5600 Command Control



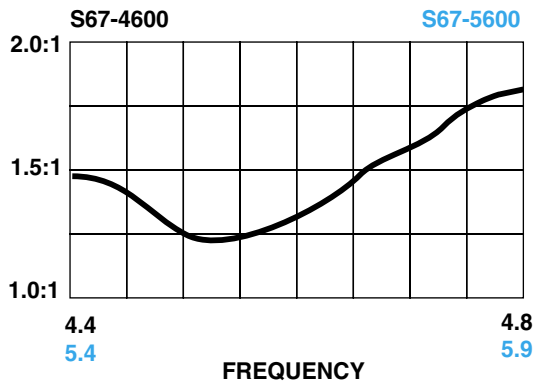
DESCRIPTION

S67-4600: Command Control Antenna, currently used on subsonic target that operates from sea level to 60,000 ft. Pattern is right hand circular polarized 120 min. beam width. Ideal for flush mounting surface radius on special request. Small size provides ease of mounting with (4) 10-32 screws, minimal internal intrusion. Supplied with aluminum neoprene gasket for waterproof pressure seal.

S67-5600: Flush radar Beacon Antenna designed to provide improved performance and reduced size and weight. Small size provides ease of mounting with (4) 10-32 screws. Conductive monel/neoprene gasket provides for sealing on fuselage surface. Ideal installation for RPV and target missile.

FEDERAL & MILITARY SPECS: MIL-E-5400, MIL-E-5272.

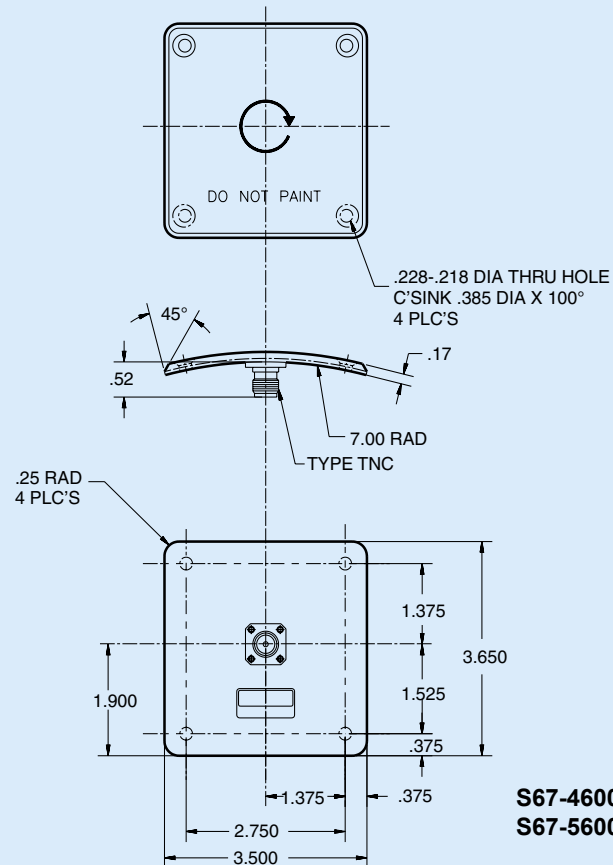
PERFORMANCE



SPECIFICATIONS

	C-BAND	
	S67-4600	S67-5600
ELECTRICAL		
Frequency	4.4-4.8 GHz	5.4-5.9 GHz
VSWR	1.5:1	1.75:1
Polarization	RHCP	RHCP
Beam Width	120° min.	120° min.
Impedance	50 ohms	50 ohms
Power Handling	8 w/avg 1000 w/pk	8 w/avg 1000 w/pk
Gain	0 dBi	0 dBi
Lightning Protection	DC Grounded	
MECHANICAL		
Weight	3.0 oz.	3.0 oz.
Height17 in.	.17 in.
Length	3.65 in.	3.65 in.
Width	3.50 in.	3.50 in.
Material	6061 - T6 aluminium , teflon glass	
Finish	skydrol resistant enamel	
Connector	TNC	
ENVIRONMENTAL		
Temperature	-65°F to +185°F	
Vibration	10 G'S	
Altitude	60,000 ft	

OUTLINE DRAWING



S67-4600
S67-5600