

● AQM-37C S85-3000-10

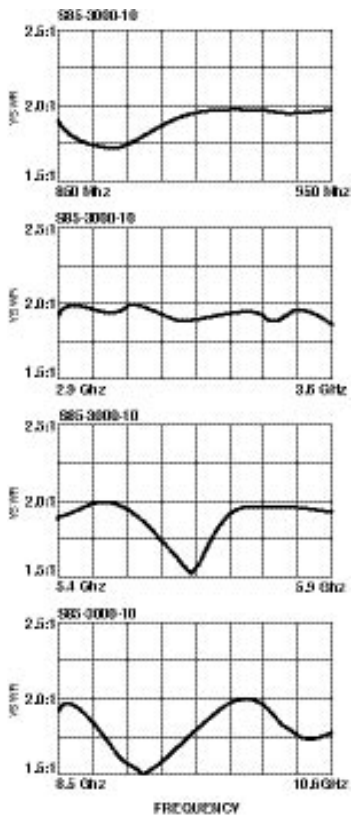


DESCRIPTION

S85-3000-10: AQM 37C Augmentation nose cone system consists of radome and antenna module encapsulated in a low density urethane foam to provide mechanical and thermal protection. Unit covers C-E/F-G/I/J frequency. Designed for speeds to Mach 3.

FEDERAL & MILITARY SPECS: MIL-STD-810, MIL-E-5400.

PERFORMANCE



SPECIFICATIONS

	C-BAND	E/F-BAND	G-BAND	I/J-BAND
ELECTRICAL				
Frequency	850-942 MHz	2.9-3.6 GHz	5.4-5.9 GHz	8.5-10.6 GHz
VSWR	2.0:1	2.0:1	2.0:1	2.0:1
Pattern	90° Conical			
Polarization	Horizontal	CP	CP	CP
Impedance	50 ohms	50 ohms	50 ohms	50ohms
Power	1 watt	1 watt	2 watts	2 watts
Isolation	26 dB	40 dB	45 dB	50 dB

MECHANICAL

Weight	6.0 lbs.
Length	22.76 in.
Diameter	
Station 125.14	9.375 in.
Station 102.38	1.182 in.
Material	Glass filled polyimide
Finish	Natural
Connector	SMA

ENVIRONMENTAL

Temperature	-70°F to +160°F
Vibration	10 G's
Altitude	80,000 ft.

OUTLINE DRAWING

