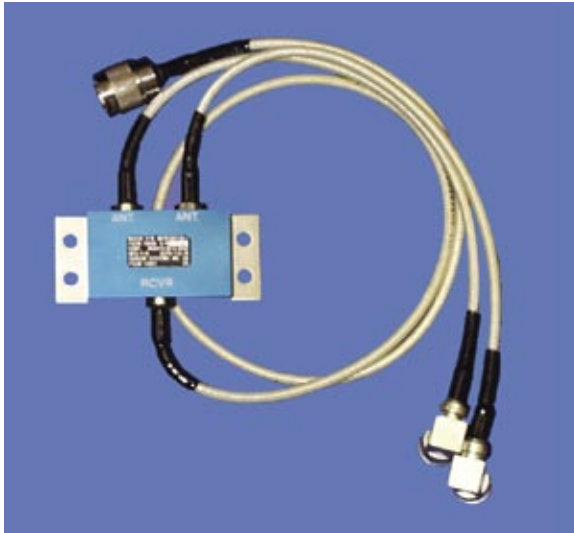


# Power Dividers SSPD-113-Series



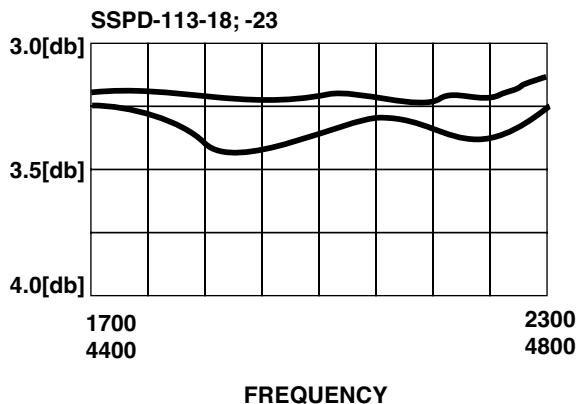
## DESCRIPTION

**SSPD-113-18:** Power dividers may be used to combine the signal from 2 antennas to a single receiver. This combination will provide command control guidance for target drone or missile systems, with the lowest VSWR loss possible and saving 6 connectors. The antenna ports are provided with 12 inch cables and the receiver port is provided with a 30 inch cable. Mechanical configuration provides an extremely low profile housing height of .700 inches. Housing unit constructed of aluminum alloy.

**SSPD-113-23:** Same as (-18) except frequency 1700-2300 MHz. For Telemetry antennas. Other designs available for scoring TM and Radar Beacon.

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

## PERFORMANCE



## SPECIFICATIONS

### POWER DIVIDERS

	SSPD-113-18	SSPD-113-23
<b>ELECTRICAL</b>		
Frequency .....	4400-4800 MHz	1700-2300 MHz
VSWR .....	1.8:1	1.8:1
Impedance .....	50 ohms	50 ohms
Power .....	3.0 ± 0.5 dB	3.0 ± 0.5 dB
Phase Balance .....	±5	±5
<b>MECHANICAL</b>		
Weight .....	10 oz.	10 oz.
Height .....	.70 in.	.70 in.
Material .....	6061-T6 aluminum	
Finish .....	Blue anodized Type III	
Connector .....	TNC 90° Male (2) N	TNC 90° Male (3)
<b>ENVIRONMENTAL</b>		
Temperature .....	-65°F to +160°F	
Vibration .....	10 G's	
Altitude .....	60,000 ft.	

## OUTLINE DRAWING

