

# HIGH VOLTAGE PULSE MATCHED RESISTIVE POWER DIVIDER MODEL 2700 SERIES



Model 2706-BFP

## DESCRIPTION

The 2700 series High Voltage Power Dividers offer 2, 3, 4, 5, or 6 output ports and are designed for use primarily in pulsed 50 ohm systems, or where occasional transients would damage ordinary units. These dividers feature input and output impedance very close to 50 ohms.

## SPECIFICATIONS

<b>Voltage Ratio:</b>	2702-BFP	2.0/1 Vr (6.02dB)
	2703-BFP	3.0/1 Vr (9.54dB)
	2704-BFP	4.0/1 Vr (12.04dB)
	2705-BFP	5.0/1 Vr (13.98dB)
	2706-BFP	6.0/1 Vr (15.56dB)
<b>Maximum Input:</b>	2.5kV, 250ns FWHM Pulse	
<b>Peak Input Power:</b>	125kW at rated pulse width	
<b>Average Input Power:</b>	8W maximum	
<b>Impedance:</b>	50 $\Omega$	
<b>Input Reflection-TDR:</b>	< 5% to a 100ps risetime step function	
<b>Risetime through Unit:</b>	< 65ps	
<b>Bandwidth:</b>	DC to 6GHz	
<b>Voltage Coefficient:</b>	< 1% at rated voltage	
<b>Connectors:</b>	BNC female	
<b>Dimensions:</b>	2.9' x 3" dia. + (2) 8-32 mounting studs	
<b>Weight:</b>	1 lb.	