

# HIGH VOLTAGE PULSE MATCHED RESISTIVE POWER DIVIDER

MODEL 2642-MMFP, 2642-MFP

## DESCRIPTION

High Voltage 2 Way Matched Resistive Power Divider with SMA Connectors.



Model 2642-MMFP

## SPECIFICATIONS

<b>Voltage Ratio:</b>	2.0/1 Vr (6dB)
<b>Maximum Input:</b>	1kV, 400ns FWHM Pulse
<b>Peak Input Power:</b>	20kW at rated pulse width
<b>Average Input Power:</b>	1W maximum
<b>Impedance:</b>	50 $\Omega$
<b>Reflection-TDR:</b>	Input < 1% to a 100ps risetime step function Output < 2% to a 100ps risetime step function
<b>Risetime through Unit:</b>	< 35ps
<b>Bandwidth:</b>	DC to 10GHz
<b>Voltage Coefficient:</b>	< 1% at rated voltage
<b>Connectors:</b>	2642-MMFP SMA male in, 2 SMA female out 2642-MFP SMA female
<b>Dimensions:</b>	1.560" long x 1.370" wide x .640" high
<b>Weight:</b>	Approx. 2.3 oz.