

# HIGH VOLTAGE PULSE MATCHED RESISTIVE POWER DIVIDER

MODEL 251-XXX



Model 251-NFP

## DESCRIPTION

High Voltage 2 Way Matched Power Divider (3 resistors)

## SPECIFICATIONS

<b>Voltage Ratio:</b>	2.0/1 Vr (6dB)
<b>Maximum Input:</b>	5kV, 400ns FWHM Pulse**
<b>Peak Input Power:</b>	500kW at rated pulse width
<b>Average Input Power:</b>	2W maximum
<b>Impedance:</b>	50 $\Omega$
<b>Reflection-TDR:</b>	< 4% to a loop risetime step function
<b>Risetime through Unit:</b>	< 40ps
<b>Bandwidth:</b>	DC to 9GHz
<b>Voltage Coefficient:</b>	< 1% at rated voltage
<b>Connectors:</b>	251- GP GR 874 non-locking 251- GLP GR 874 locking 251- NMP N male ** 251- NFP N female ** 251- HMP HNB male * 251- HFP HNB female *
<b>Dimensions:</b>	4" long x 2.5" wide x 1" high
<b>Weight:</b>	Approx. 1/2 lb.

-XXX Connector identifier, see connector list heading above for our standard (stocked) configurations.  
Call for connector configurations not shown.

NOTE: \* Our type HN (HNB) connectors are specially designed to obtain minimum reflection coefficient for fast risetimes. For best pulse response, our model 401-HNB male or 402-HNB female cable connector for RG214/U coax should be used for interconnection.

\*\* Units with N connectors are limited to 4kV rating.