

# HIGH VOLTAGE PULSE MATCHED RESISTIVE POWER DIVIDER

MODEL 2825-NFP, 2828-NFP, 2830-NFP, 2832-NFP

## DESCRIPTION

The 2820/2830 Series Power Dividers are designed to equally divide and distribute signals in high voltage pulse applications.

## SPECIFICATIONS

<b>Voltage Ratio:</b>	2825-NFP	5.0/1Vr (13.98dB)
	2828-NFP	8.0/1Vr (18.06dB)
	2830-NFP	10.0/1Vr (20.00dB)
	2832-NFP	12.0/1Vr (21.58dB)

**Maximum Input:** 4kV, 100ns FWHM Pulse

**Peak Input Power:** 320kW at rated pulse width

**Average Input Power:** 10W maximum

**Impedance:** 50 Ω

**Reflection-TDR:** < 2% to a 100ps risetime step function

<b>Risetime through Unit:</b>	2825-NFP	< 75ps
	2828-NFP	< 65ps
	2830-NFP	< 70ps
	2832-NFP	< 75ps

<b>Bandwidth:</b>	2825-NFP	DC to 4.5GHz
	2828-NFP	DC to 5.4GHz
	2830-NFP	DC to 5.0GHz
	2832-NFP	DC to 4.5GHz

**Voltage Coefficient:** < 1% at rated voltage

**Connectors:** N female

**Dimensions:** Outline drawing available

<b>Weight:</b>	2825-NFP	1 1/8 lbs.
	2828-NFP	2 1/4 lbs.
	2830-NFP	3 lbs.
	2832-NFP	3 3/4 lbs.



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