HIGH VOLTAGE PULSE ATTENUATOR
MODEL 202 – XXX

ADVANTAGES
- High voltage pulse rated
- High voltage precision coaxial attenuator
- Small dimensions

DESCRIPTION
The Model 202 utilizes our original patented design, which is still the best high voltage attenuator available. This unit withstands 5kV, 400ns FWHM pulses** into either end and has a 20ps risetime.

SPECIFICATIONS

Voltage Ratio:  
- 202-xxx-N  2.5/1 Vr (8dB)
- 202-xxx-T  5.0/1 Vr (14dB)
- 202-xxx-X  10.0/1 Vr (20dB)

Maximum Input:  5.0kV, 400ns FWHM Pulse **

Peak Input Power:  500kW at rated pulse width

Average Input Power:  2W maximum

Impedance:  50 Ω ± 1%

Risetime through Unit:  < 20ps

Bandwidth (-3dB):  DC to 17GHz

Reflection-TDR:  < 5% to a 100ps risetime step function

SWR:  
- < 1.05 to 1GHz
- < 1.30 to 4GHz

Voltage Coefficient:  < 1% at rated voltage

Connectors:  
- 202-NMFP-y N male/female
- 202-GLP-y GR 874 Locking
- 202-HMFP-y HNB male/female

Dimensions:  4.1” to 3.3” long x 1.2” wide x 1” high depending on value

Weight:  < 1/2 lb.

-xxx Connector identifier, see list under connectors heading for our standard (stocked) configurations. Call for connector configurations not shown.

-y Attenuation value identifier

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