

Digital & Analog Solid-State Attenuators

for mission-critical applications



- Designed for Industrial & Military Applications including transmission loss simulation, signal fading / handover system evaluation, and telecom network infrastructure
- Choice of attenuation ranges with resolution as low as 0.005 dB
- Voltage or Digitally controlled available
- Industry's best dynamic range, resolution and flatness vs frequency
- Control Options available including voltage variable, TTL, USB, RS-232/RS-422
- Hermetic Sealing, Military or Aerospace Screening available
- Form, Fit, Function & Custom Design Services

Quantic PMI offers a full portfolio of RF & Microwave Solid State Attenuators available in high resolution, voltage variable and digital designs up to 70 GHz.



Featured Products	DTA-200M18G-100-CD-EXT 8-Bit Digitally Tuned Attenuator	DTA-0R5G18G-60-CD-1 10-Bit Programmable Pin Diode Attenuator	DTA-812-80-14B-SFF OPT10D27 Digitally Tuned Attenuator	DTA-100M50G-30-CD-1 Digital Programmable PIN Diode Attenuator
Frequency Range	0.2 to 18.0 GHz	0.5 to 18.0 GHz	8 to 12 GHz	0.1 to 50 GHz
Attenuation Range	0 to 100, 0.5 dB steps	0 to 60, 0.06 dB steps	0 to 80 in 0.005 dB steps	0 to 30 in 1 dB steps
Attenuation Accuracy	±1.0 dB Typ up to 20 dB	±1.0 dB @ 0 to 20 dB	±1.5 dB Max	±3.5 dB Typ
Insertion Loss	12.0 dB Max	4.8 dB Max	5 dB Typ, 10 dB Max	5.0 dB Typ (to 20 GHz)
Switching Speed	1 µs Max	1 µs Max	400 ns Max	1.0 µs Max
Control Configuration	8-Bit TTL	10 Bit TTL	14 Bits, +3.3 V RS-422	5-Bit TTL
Dimensions (inches)	4.00" x 1.80" x 0.50"	2.00" x 1.80" x 0.50"	3.25" x 2.00" x 0.50"	2.00" x 1.80" x 0.50"
Connectors	SMA (F)	SMA (F)	SMA (F)	2.4mm (F)



Get a complete list of our solid state attenuator models and for available options, download product features and other attenuator Product technical data at quanticpmi.com

Or contact us at **1-877-752-6271** or sales@quanticpmi.com