

# DC - 40 GHz. Model: PA40-XX

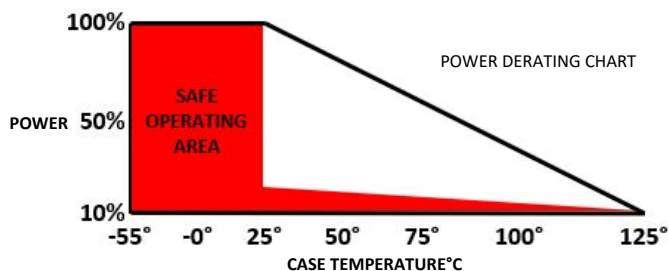
XX= Attenuation values 0 - 10 dB, 12, 15, 20 and 30 dB



These Coaxial SMA Attenuators deliver excellent performance for RF & Microwave application from DC-40 GHz. And offer 2 Watt power input across the full band. Attenuators are designed using industry standard configurations using 2.92mm male-female connectors allow easy selection for new or existing design-insolutions. Applications include Medical, Broadcast, Industrial, Commercial Wireless, RADAR, Testing, Military and Space.

**Features:**

- Low-Cost Solution
- Low VSWR
- 100% Mechanical & RF Tested
- MIL-DTL-3933
- Available Values of 0-10 dB, 1dB Increments  
12, 15, 20, and 30 dB
- Permanent LASER Marking MIL-STD-130



**SELECTION CHART**

PART NO	ATTENUATION	VSWR MAX
PA40-0	0 dB + 0.20	1.25:1
PA40-1	+/- 0.70 dB	1.25:1
PA40-2	+/- 0.70 dB	1.25:1
PA40-3	+/- 0.70 dB	1.25:1
PA40-4	+/- 0.70 dB	1.25:1
PA40-5	+/- 0.70 dB	1.25:1
PA40-5	+/- 0.70 dB	1.25:1
PA40-7	+/- 0.70 dB	1.25:1
PA40-8	+/- 0.70 dB	1.25:1
PA40-9	+/- 0.70 dB	1.25:1
PA40-10	+/- 0.70 dB	1.25:1
PA40-12	+/- 0.70 dB	1.25:1
PA40-15	+/- 0.70 dB	1.25:1
PA40-20	+/- 0.80 dB	1.25:1
PA40-30	+/- 1.0 dB	1.25:1

**SPECIFICATIONS:**

- ELECTRICAL:**
  - IMPEDANCE: 50 OHM
  - FREQUENCY: DC - 40 GHz.
  - VSWR: SEE CHART
  - POWER AVG: 2 WATTS DERATED TO 10% @ 125 DEG. C
  - POWER PEAK: 500 WATTS @ 5 MICROSEC PULSE 0.1% DUTY CYCLE
- ENVIRONMENTAL:**
  - TEMP. RANGE: OPERATING: -55TO +125 DEG C
  - NON-OPERATING: -65 TO +150 DEG C
- MARKING:**
  - UNIT MARKING: P3 LOGO AND PART NUMBER PER TABLE
  - MARKING: LASER ENGRAVED PER MIL-STD-130
- QUALITY ASSURANCE:**
  - INSPECTION: 100% VISUAL, ATTENUATION, VSWR
- MECHANICAL:**
  - BODY: PASSIVATED STAINLESS STEEL
  - CONTACT: TIN-PHOSPHOR BRONZE (MALE)
  - BeCu, GOLD PLATED
  - TORQUE: 8 in-lbs MAX.

**Dimensional Tolerances**

.X	±.030
.XX	±.010
.XXX	±.005

