

MECHANICAL STEP ATTENUATOR

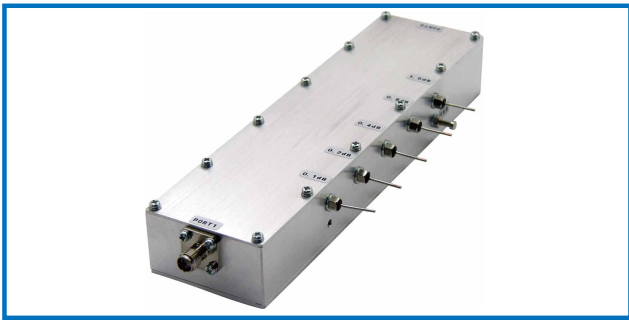


R&K-PT110(0.1/3.1)-0S/3.3V R&K-PT110(0.1/3.1)-0S/5.0V

- Broadband Frequency : DC ~ 2500MHz
- Attenuation : 0.1dB Step/5Bit/3.1dB
- Input Intercept Point: +75.0dBm (min.)
- RoHS Compliance

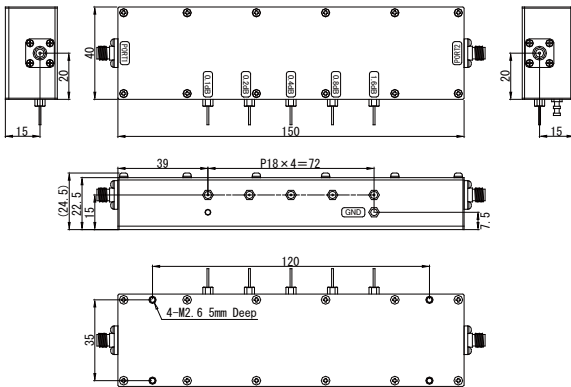
SPECIFICATIONS

Frequency Range	: DC ~ 2500MHz
Insertion Loss (DC-1.5GHz)	: 2.0dB (max.)
(1.5GHz-2.5GHz)	: 3.5dB (max.)
Attenuation Range / Steps	: 3.1dB / 0.1, 0.2, 0.4, 0.8, 1.6dB
Attenuation Accuracy (DC-1.5GHz)	: ±0.2dB (max.)
(1.5GHz-2.5GHz)	: ±0.4dB (max.)
Impedance	: 50Ω
Input /Output VSWR	: 1.5 : 1 (typ.)
Logic Input (DC Drive/Standard)	: +3.3V = Att Setting / 0V = Zero Setting
(DC Drive/Option)	: +5.0V = Att Setting / 0V = Zero Setting
(TTL Drive/Option-1)	: High = Att Setting / Low = Zero Setting
(TTL Drive/Option-2)	: High = Zero Setting / Low = Att Setting
Switching Speed	: 5ms (max.) tRise / tFall
DC Supply Input (Standard)	: +3.3V±0.5V 120mA (max.) / Step
DC Supply Input (Option)	: +5.0V±0.5V 100mA (max.) / Step
Input Intercept Point	: +75.0dBm (min.)
Maximum RF Input Power	: +24.0dBm (avg.)
Operating Temperature	: -20°C to +60°C
Storage Temperature	: -20°C to +80°C
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE : N-FEMALE
Weight (Standard)	: 250g (typ.)



OUTLINE DRAWING

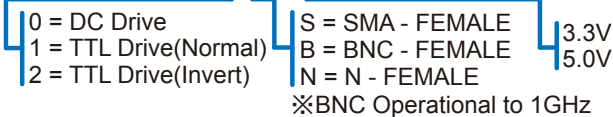
※IN MILLIMETERS



HOW TO ORDER

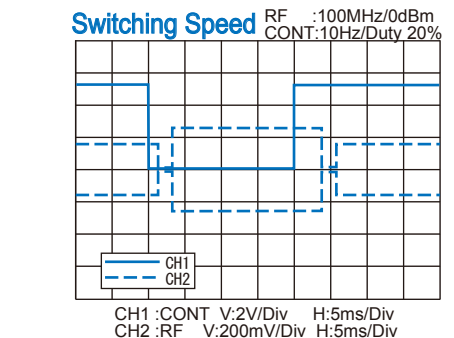
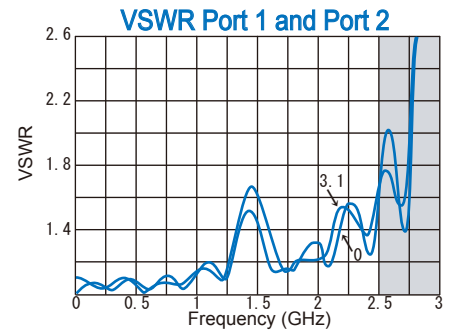
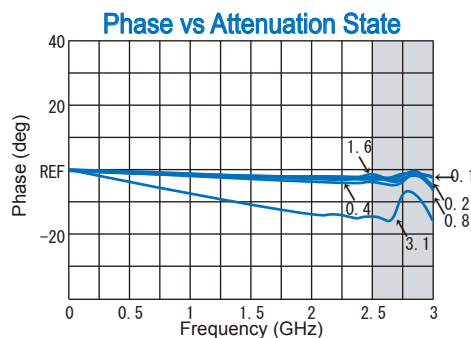
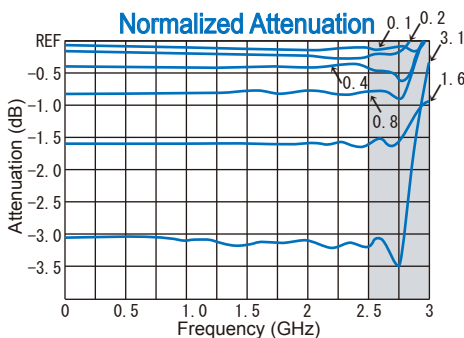
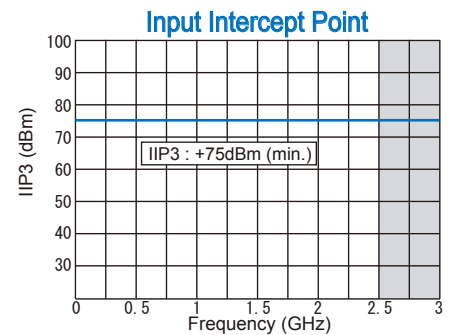
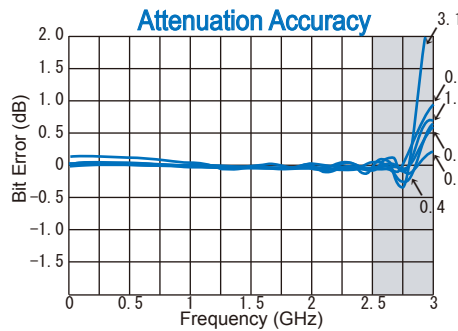
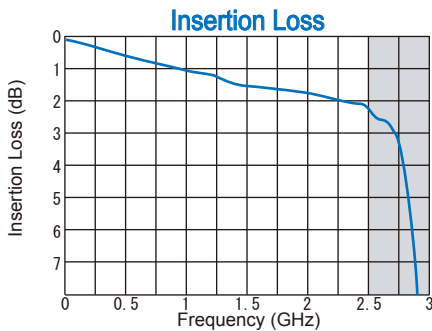
Model Name

PT110(0.1/3.1)-0S/3.3V



※BNC Operational to 1GHz

TYPICAL PERFORMANCE



* Rev. 1.1 : Feb./12/2015

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