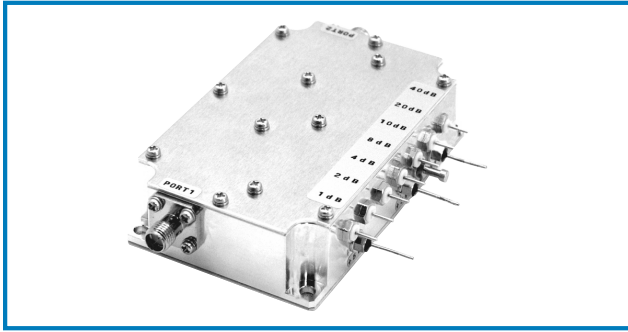
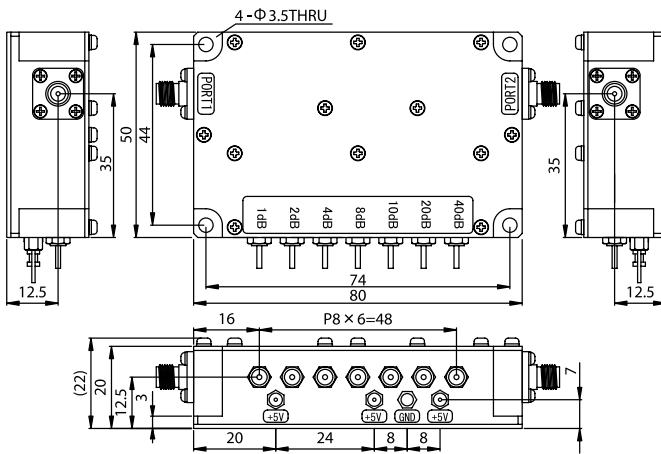


R&K-DT030-0S



OUTLINE DRAWING

※IN MILLIMETERS



- Broadband Frequency : 10~3000MHz
- Attenuation : 1dB Step/7Bit/85dB
- TTL/CMOS Compatible Control
- Low Cost
- RoHS Compliance

SPECIFICATIONS

Frequency Range	: 10 - 3000MHz
Insertion Loss	: 5dB (max.)10MHz-2GHz : 8dB (max.) 2GHz-3GHz : 85dB/1,2,4,8,10,20,40dB
Attenuation Range / Steps	: 85dB/1,2,4,8,10,20,40dB
Attenuation Accuracy	
(REF to 39dB)	: ±2dB (max.)
(40dB to 85dB)	: ±5dB (max.)
Impedance	: 50 Ω
Input /Output VSWR	: 1.4 : 1 (typ.)
Input Power@1dB Comp.	: +17dBm
Input I.C.P.	: +37dBm
Logic Input (+5V C-MOS)	: High = Zero Setting : Low = Att Setting
Switching Speed	: 300ns (max.) tRise : 500ns (max.) tFall
DC Supply Input	: +5V±0.5V / 30mA(max.)
Maximum RF Input Power	: +24dBm
Operating Temperature	: -20°C to + 60°C
Storage Temperature	: -20°C to + 80°C
Connectors (Standard)	: SMA-Female
Connectors (Option)	: N-Female : BNC-Female
Weight (Standard)	: 120g (typ.)

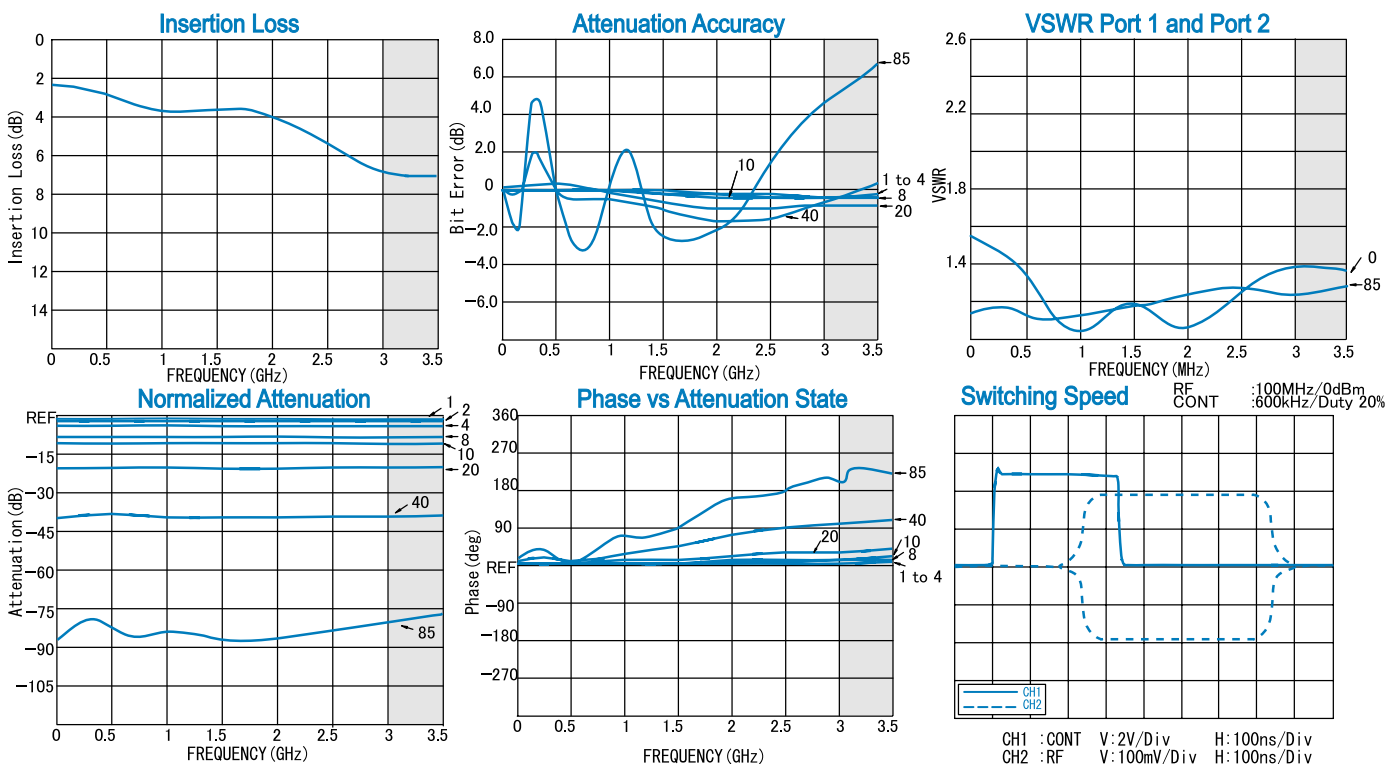
PORT1 & 2 are internally DC blocked

HOW TO ORDER

Model Name
R&K-DT030-0S

S = SMA - FEMALE
B = BNC - FEMALE ※
N = N - FEMALE
※BNC -Operational to 1GHz

TYPICAL PERFORMANCE (Temp @ +25°C)



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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