

DIGITAL 7-BIT STEP ATTENUATOR MODEL O-DATT-4202

TECHNICAL FEATURE

Features

- High Resolution Accuracy
- Adaptive Digital Technology
- Small Size



Performance

Frequency Range.....	800 to 4200 MHz
Configuration (Steps)	1, 2, 4, 8, 16, 32, 64 dB
Insertion Loss	6dB max
Attenuation Accuracy	+/-1 dB or 5% of total
1dB Comp.Point (OdB set)	+10 dBm output
Max Power (Input)	+20 dBm
Switch Speed	5 us max
VSWR (In/Out)	2.0:1 max
Control	7-Bit TTL
Power Supply	+15, +5 VDC
Connectors	SMA Female
Size	3.25" x 1.75" x 0.54" max
	Less Connectors
Operating Temperature	0 to +50°C

Description

The O-DATT-4202 digital attenuator is designed and built for demanding applications. Precise digital level control is obtained using an analog attenuation technique with an adaptive digital control which minimizes setting error over the operating conditions of the device.

Wide operating bandwidth is obtained using careful diode and circuit design and selection. This attenuator is suitable for signal control applications including ECM and communications systems.

The O-DATT-4202 represents just one example of the extensive design capability of the recently initiated control device product line at Olektron. Please contact Olektron with your custom requirements.