


# ELECTRONICAL VARIABLE OPTICAL ATTENUATOR (EVOA)

## Electronical Variable Optical Attenuator (EVOA)

<b>Features</b>	
Low Insertion Loss & PDL & WDL Attenuation Linearity Resistance Feedback Telcordia GR-1221 Compliant Test	
<b>Application</b>	
Power Equalization in multi-channel optically amplified network Transmitter and receiver power control Gain-tilt control in optical amplifiers OADM Power balance	

### Specifications:

Parameter	Value
Wavelength (nm)	1310 or 1550
Attenuation range (dB)	15 or 30
Attenuation resolution (dB)	≤0.1
Insertion Loss (dB)	≤0.6
WDL (dB)	≤0.3
PDL (dB)	≤0.2
Attenuation temperature dependence (dB/°C)	≤0.005
Attenuation wavelength dependence (dB)	≤0.3
PMD (ps)	≤0.1
Return Loss (dB)	≥45
Response speed (ms/3dB)	≤100
Position sensor (KΩ)	10±2
Driving Current (mA)	180
Optical power (mW)	≤300
Operating temperature (°C)	-15 ~ +70
Storage temperature (°C)	-40 ~ +85
Package (mm)	50 x 25 x 12

### Ordering Information

EVOA	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1310 1550 1310/1550	900= 900um loose tube	1=SMF-28e	1= 1m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC LC=LC/PC XX=Other