

Electronical Variable Optical Attenuator (EVOA)

Features

- Low insertion loss & PDL & WDL
- Attenuation Linearity
- Resistance Feedback
- Telcordia GR-1221 Compliant Test



Application

- Power equalisation 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 options

EVOA	Wavelength	Pigtail Type	Fibre Type	Length	Connector
	1310 1550 1310/1550	900um loose tube	SMF-28e	1m	None FC/APC FC/PC SC/APC SC/PC LC/PC Other