

VOA Module with Tap Monitor in SFP Form Factor

VOAM Series

Product Description

Oplink's Variable Optical Attenuator Module (VOAM) integrates a single channel VOA and tap monitor into MSA compliant compact SFP form factor and provides I²C communication interface for easy system integration. Key features include compact size, high levels of functional integration and simple network application. The SFP VOAM is designed for key network optical power management.

Oplink can provide customized designs to meet specialized feature applications. Also, Oplink offers modular assemblies that integrate other components to form a full function module or subsystem.

Performance Specification

Parameter	Specification	Unit
Operating Wavelength Range	C- or L-band	
Insertion Loss [1]	2.5 (with tap monitor, typical 2.0) 1.5 (without tap monitor)	dB
Polarization Dependent Loss (0dB attenuation)	0.3	dB
Return Loss	40	dB
VOA Dark/Bright Type	Bright or Dark	
VOA Attenuation Dynamic Range	20	dB
Dark Type Blocking State IL	38	dB
Optical Power Handling	200	mW
Fiber Type for Input and Output Connection	SMF-28	
Operating Temperature Range	- 5 to +65	°C
Dimensions	SFP (MSA)	
Communication I/F	I ² C	

Features

- " SFP Form Factor
- Hot Pluggable
- Optical Power Monitoring
- Output Power Adjusting
- I²C Communication Interface
- Low Power Consumption

Applications

- Optical Network Power Management

Notes: [1] Include both input and output port connector insertion losses, within operating temperature and wavelength ranges.

Function Diagram



