

Variable Optical Attenuator

FOD 5400 Series



The **FOD 5418, 5419, 5420** Variable Optical Attenuators are designed to simulate optical attenuation when checking the optical margins of newly installed telecommunication equipment. The device is suitable for singlemode application at 1310 and 1550 nm (FOD 5418), multimode application at 850 and 1300 nm (FOD 5419), or both singlemode and multimode application at 850, 1300, 1310 and 1550 nm (FOD 5420). They allow variable attenuation settings in range from 0 to 80 dB with resolution 0.05 dB.

- Handheld, 380 g
- Equal insertion loss and low reflectivity in both directions of transmission
- Local control or remote PC control via USB port
- Changeable adapters

AC adapter, mini USB – USB cable and soft carrying case included.

Specify adapter type under ordering. FC adapter set by default. Changeable adapters: FC, ST, SC, Universal 2.5mm, Universal 1.25mm, LC.

RoHS Compliant

SPECIFICATIONS

	FOD 5418	FOD 5419	FOD5420
Calibrated wavelength, nm	1310&1550	850&1300	1310&1550&850&1300
Fiber type	9/125µm, SM	50/125µm, MM	9/125µm, SM & 50/125µm, MM
Insertion loss, dB		≤2.5	
Attenuation range, dB		0 to 80	
Resolution, dB		0.05	
Repeatability of attenuation settings, dB		±0.05 (from 0 to 60dB attenuation range) ±0.1 (from 60 to 80dB attenuation range)	
Connector type		FC, SC, ST, Universal 2.5 mm, Universal 1.25mm, LC	
Battery lifetime, h, typ.		200	
Dimensions, mm		180x74x43	
Weight, g		380	
Power		AA batteries + AC Adapter 110-240V / 50-60Hz	
Operating temperature		-10°C to +50°C- 85% humidity non condensing	
Storage temperature		-30°C to +60°C, 75% humidity non-condensing	

Warranty: 1 Year