

# Optical Switch

## FOD 5510 (1x12 or 1x16 Channels)



The FOD 5510 Series Fiber Optic Switches are a compact, robust, battery operated **1X12** or **1X16** switch designed specifically for use with OTDRs and Optical Loss Testers for certifying, testing and troubleshooting MPO terminated cables and harnesses. Whether used in manual mode with pushbutton controls, or automated with USB Windows® or Linux® based remote control drivers, the FOD5510 Series brings multi-fiber testing to a new level.

The FOD5510 Series is available with Singlemode or OM4 fiber standard.

The FOD5510 Series include a Universal Connector Interface Input and an MPO Pinned Output, Angled or UPC.

A USB Device port provides for recharging and remote control.

Each FOD5510 comes complete with a Protective rubber boot, Soft carry case and Instructions.

The FOD5510 is warranted against defects for One Year.

SPECIFICATIONS		
Fiber type	Singlemode	OM4
Wavelength range	1270-1670 nm	800 - 1320 nm
Maximum Insertion Loss	3.3 dB	2.3 dB
Typical Insertion Loss	2.8 dB	1.8 dB
Maximum PDL	0.1 dB	-
Channel Isolation	80 dB	
Maximum Repeatability	0.1 dB	
Typical Repeatability	0.05 dB	
Switching Time	<5 mSec	
Switch Lifetime	10 <sup>7</sup> cycles	
Battery	Li Pol Rechargeable	
Battery lifetime	5000 switch commands	
Weight / Dimensions	300 g / 147x74x28 cm	
Operating temperature	-10 to +50°C, 75% humidity non-condensing	
Storage temperature	-30 to +60°C, 75% humidity non-condensing	

### ORDERING INFORMATION

Fiber	Number of Channels	Input	Output	Part Number
OM4	12	SC UPC	MPO UPC	FOD5510M-12
OM4	16	SC UPC	MPO UPC	FOD5510M-16
SM	12	SC APC	MPO APC	FOD5510S-12
SM	16	SC APC	MPO APC	FOD5510S-16

MPO - Male

Other fiber types and Input/Output configurations are available. Please contact [sales@fods.com](mailto:sales@fods.com)