LASER COMPONENTS®

Optical Switch
FOD 5510

The FOD 5510 Series Fiber Optic Switches are a compact, robust, battery operated 1X12 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	10^7 cycles	
Battery	Li Pol Rechargeable	
Battery lifetime	5000 switch commands	
Weight / Dimensions	300 g / 147x74x28 cm	
Operating temperature	-10 to +50ºC, 75% humidity non-condensing	
Storage temperature	-30 to +60ºC, 75% humidity non-condensing	

ORDERING INFORMATION

Fiber	Input	Output	Part Number
OM4	SC UPC	MPO UPC	FOD5510M-OM4-SC/UPC-MPO/UPC-M*
SM	SC UPC	MPO UPC	FOD5510S-SC/UPC-MPO/UPC-M*
SM	SC APC	MPO APC	FOD5510S-SC/APC-MPO/APC-M*

* F = FEMALE; M = MALE

Other fiber types and Input/Output configurations are available. Please contact us.

17 March, 2015   Specifications are subject to change without notice

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