

Optical Switch FOD 5508



The FOD 5508 Series Fiber Optic Switches are a compact, robust, battery operated 1X24 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 FOD5508 Series brings multi-fiber testing to a new level.

The FOD5508 Series is available with Singlemode or OM4 fiber standard.

The FOD5508 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 FOD5508 comes complete with a soft carry case and instructions.

The FOD5508 is warranted against defects for One Year.

SPECIFICATIONS		
Fiber type	Singlemode	OM4
Wavelength range	1270-1670 nm	800 - 1320 nm
Maximum Insertion Loss	5.0 dB	4.0 dB
Typical Insertion Loss	3.5 dB	2.5 dB
Maximum PDL	0.1 dB	-
Encircled Flux Compliance	-	Per IEC 61280-4-1 @ 850nm only
Typical ORL	50 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	
Battery charge	USB mini 4.5V - 5.5V < 0.2 A	
Power / USB	Auto-ON with USB connection/ Mini-USB- function Port with remote support	
Weight / Dimensions	300 g / 167x74x43 cm	
Operating temperature	-10 to +50°C, 75% humidity non-condensing	
Storage temperature	-30 to +60°C, 75% humidity non-condensing	
Fiber Numbering	1-24 conforms to TIA-EIA-604-5-D	

ORDERING INFORMATION

Fiber	Input	Output	Part Number
OM4	SC UPC	MPO UPC	FOD5508M-OM4-SC/UPC-MPO/UPC-M*
SM	SC UPC	MPO UPC	FOD5508S-SC/UPC-MPO/UPC-M*
SM	SC APC	MPO APC	FOD5508S-SC/APC-MPO/APC-M*

* F = FEMALE; M = MALE

Other fiber types and Input/Output configurations are available. Please contact sales@fods.com