

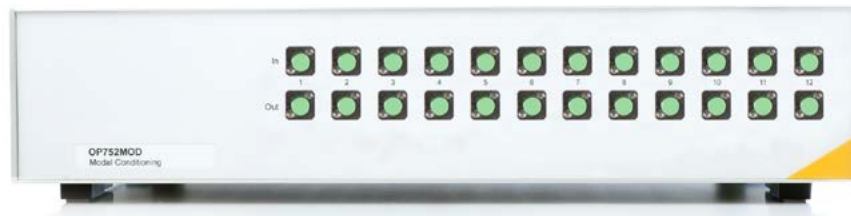
# OP752-MOD

## Modal Conditioner

### Overview

With the OptoTest **OP752** Multichannel Modal Conditioner, you can quickly meet critical launch condition requirements like Encircled Flux, M80 or 70/70 fill for multichannel test setups. When used in conjunction with the OptoTest Multichannel LED Sources (OP750 Series) or Return Loss Meters (OP940 Series), launch conditions can be met without the need for external mandrel wraps.

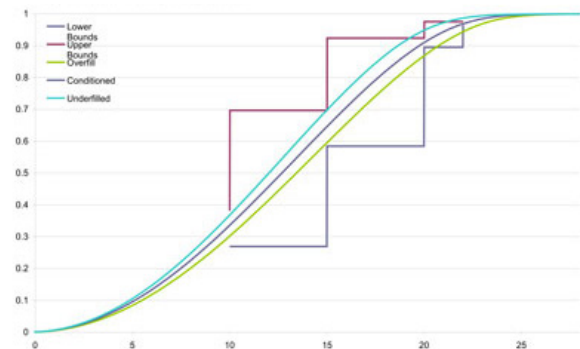
Each **OP752** Modal Conditioner manages launch conditions for up to 12 channels and additional units can be added for 24, 48 and up to 200 channels. Choose from common front panel connectors such as FC and SC with UPC or APC polish. Contact OptoTest or an OptoTest distributor world-wide for additional customizations like unique launch condition requirements.



Model OP752-MOD Modal Conditioner

The launch control for each **OP752** is tailored specifically for one source and the **OP752** is then used in the calibration of that unit. Available with each **OP752** is a report, such as the one at right, detailing the exact launch condition created with the specified source.

IEC 61300-1 850nm 50µm Template



# SPECIFICATIONS

**IEC 61300-1**  
EF Specifications at 850nm (50µm)

Radial Offset (µm)	Lower Limit	Upper Limit
10	0.2785	0.3915
15	0.5980	0.7119
20	0.9105	0.9295
22	0.9690	0.9812

**SAE ARP5061**  
AS100 (M80) Launch 100/140 GI Fiber, 0.29NA  
Farfield Pattern

Intensity	Max	Min
5%	0.255	0.245
15%	0.225	0.210
75%	0.120	0.100

Nearfield Pattern

Intensity	Max (µm)	Min (µm)
5	95	80
15	85	70
75	45	30

**SAE ARP5061**  
AS62 (M90) Launch 62.5/125 GI Fiber, 0.275NA  
Farfield Pattern

Intensity	Max	Min
5%	0.750	0.250
15%	0.255	0.230
75%	0.130	0.100

Nearfield Pattern

Intensity	Max (µm)	Min (µm)
5%	63	57
15%	59	53
75%	35	29

**Laser Classifications**

All **OP940 Insertion Loss and Return Loss Test Sets** utilize a **Class I Laser Source**. Unless otherwise noted, all **OP250, OP715, and OP750** source units with internal laser sources utilize a **Class I Laser Source**. Unless otherwise noted, all **OP815 and OP850 Insertion Loss Test Sets** with internal laser sources utilize a **Class I Laser source**. All **OP280 Visual Fault Finder** units utilize a **Class III Laser Source**.

*OptoTest strongly suggests that all necessary precautions be taken whenever any Class I or Class III laser source is used.*

Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering. All specifications are valid within temperature range of 18°C to 24°C unless otherwise noted. For additional specifications please contact OptoTest.