OP752-MOD

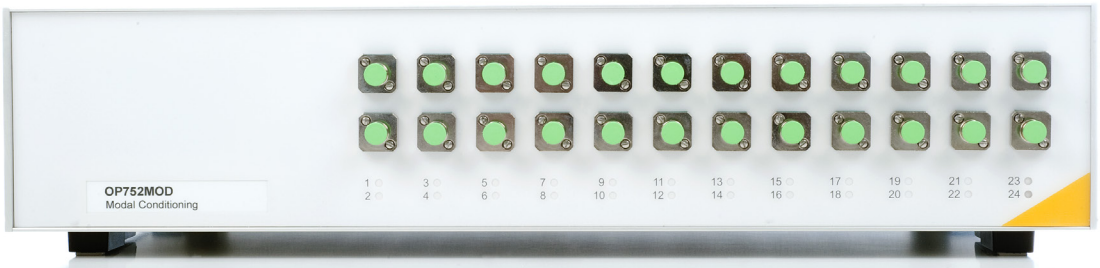
Modal Conditioner

Overview

Modal Conditioner

Meeting critical launch condition requirements for multichannel test cables is often difficult or overlooked. With the OptoTest **OP752** Multichannel Modal Conditioner, it is easier than ever to meet specifications for many common launch conditions for multichannel test setups. The **OP752** will be included in all pertinent aspects of its accompanying equipment's calibration to create a traceable and controlled launch condition for testing cables.

When used in conjunction with OptoTest's multichannel **OP930**, the **OP752** allows tests to be performed using either the OP930's standard 62.5/125µm overfill launch or with the conditioned launch of the **OP752**.

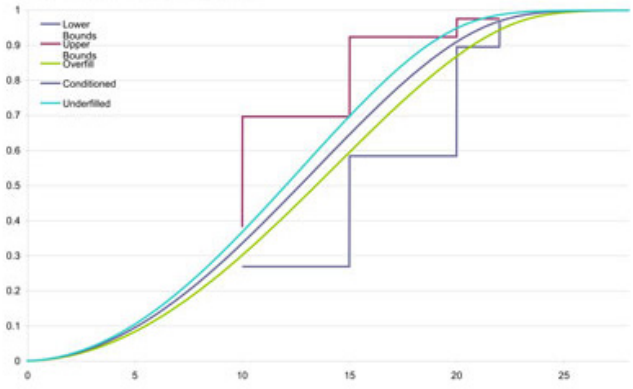


Model OP752-MOD Modal Conditioner

Available with the **OP752** is a test report detailing the exact launch condition created when used in conjunction with the specified source.

The **OP752** can be specified for common connector types (FC, SC, etc.) with UPC or APC polish, fiber size (50µm, 62.5µm, etc.), and to meet launch conditions such as Encircled Flux, M80, or 70/70 fill. For other connector, fiber, and launch condition options, contact OptoTest or an OptoTest distributor.

IEC 61300-1 850nm 50µm Template



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SPECIFICATIONS

OptoTest
Test Solutions for Fiber Optics

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 **OP930 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.

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