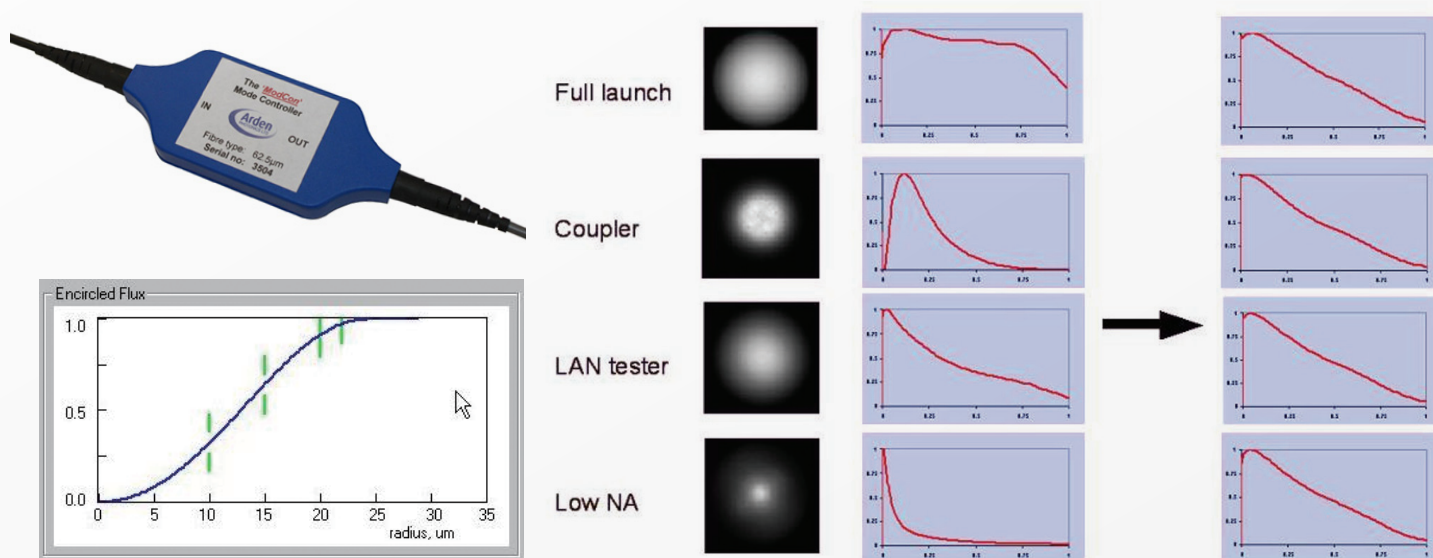


マルチモードファイバのモード伝播を安定させる完全パッシブコンポーネンツ
 接続するだけで入力光によるモード分布のばらつきを改善し、常に安定した出力光に変換
 ModCon はお手持ちの光源に接続するだけの簡単ツール

- 測定精度の改善に
- 安定したマルチモードファイバ測定に
- 国際規格 IEC61280-4-1 に準拠



仕様

	Standard	OEM	OEM -Dual	MultiWay
Dims (mm)	100 x 50 x 25 (plus leads)	87 x 42 x 12 (plus leads)	87 x 75 x 12 (plus leads)	19 inch rack x 1U high x 280
Weight (gm)	185	80	120	1000
Insertion loss @ 850 & 1300nm	50μm < 3dB ; 62.5μm < 3dB	50μm < 3dB ; 62.5μm < 3dB	50μm < 3dB ; 62.5μm < 3dB	50μm < 3dB ; 62.5μm < 3dB
Max power throughput	10mW	10mW	10mW	10mW

ModConについて

マルチモードファイバの Loss や bandwidth 測定では、その測定に使用する光源のモード状態によって測定結果が大きく左右されることは広く知られています。例えば、OTDR や LS/PM の Loss 測定では結果が大きく異なることがあります。これは OTDR が LED ではなくレーザを測定光としていることなどが挙げられます。これらの問題を劇的に改善し、なおかつ国際規格を確実に満たす。それが ModCon です。この ModCon を使用することで IEC61280-4-1 に準拠して、より正確な測定結果を、異なる測定系での測定誤差を改善することができます。



Ordering Information - ModCon – Standard

Standard ModCons come with a 1.2m input tail and a 1.5m output tail. The input and output cables have a 3mm diameter PVC sheath, and contain an Aramid yarn strength member.	
MC-FC-50-N	Mode controller in 50/125µm fiber with FC connectors
MC-FC-62-N	Mode controller in 62.5/125µm fiber with FC connectors
MC-SC-50-N	Mode controller in 50/125µm fiber with SC connectors
MC-SC-62-N	Mode controller in 62.5/125µm fiber with SC connectors
MC-ST-50-N	Mode controller in 50/125µm fiber with ST connectors
MC-ST-62-N	Mode controller in 62.5/125µm fiber with ST connectors
MC-LC-50-N	Mode controller in 50/125µm fiber with LC connectors
MC-LC-62-N	Mode controller in 62.5/125µm fiber with LC connectors

ModCon – OEM

OEM ModCons have a smaller package (credit card sized), with bare fiber tails or connectors. They are intended to be used inside other instrumentation or packaging.	
MC-OEM-BF/BF-50-500	Mode controller in OEM style housing; 50/125µm fiber; tails 500mm long in 900µm buffer tubing; no connector on input; no connector on output
MC-OEM-BF/BF-62-500	Mode controller in OEM style housing; 62.5/125µm fiber; tails 500mm long in 900µm buffer tubing; no connector on input; no connector on output
MC-OEM-BF/FC-50-500	Mode controller in OEM style housing; 50/125µm fiber; tails 500mm long in 900µm buffer tubing; no connector on input; FC/PC connector on output
MC-OEM-BF/FC-62-500	Mode controller in OEM style housing; 62.5/125µm fiber; tails 500mm long in 900µm buffer tubing; no connector on input; FC/PC connector on output

ModCon – OEM Dual fiber

OEM Dual fiber incorporates 50/125 and 62.5/125µm fiber mode controllers in the same housing. They are intended to be used inside other instrumentation or packaging.	
MC-OEM-BF/BF-5062-500	Mode controller in OEM style housing, dual fiber (50/125µm 62.5/125µm fibers); tails 500mm long in 900µm buffer tubing; no connector on input; no connector on output
MC-OEM-BF/BF-5062-1000	Mode controller in OEM style housing, dual fiber (50/125µm 62.5/125µm fibers) tails 1000mm long in 900µm buffer tubing; fiber in 900µm tubing; no connector on input; no connector on output
MC-OEM-BF/FC-5062-500	Mode controller in OEM style housing, dual fiber (50/125µm 62.5/125µm fibers); tails 500mm long in 900µm buffer tubing; no connector on input; FC/PC connector on output
MC-OEM-BF/FC-5062-1000	Mode controller in OEM style housing, dual fiber (50/125µm 62.5/125µm fibers); tails 1000mm long in 900µm buffer tubing; no connector on input; FC/PC connector on output

ModCon – MultiWay

Multiway ModCons are ideal for conditioning 12 way switches or for efficient testing of ribbon structures. Standard configurations are in a 19 inch rack, 1U high with either a single MPO style receptacle for the input and output, or with individual FC or SC connectors.	
MC-MW-12-FC-50	Mode controller, 12 way in 50/125µm fiber with FC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-12-FC-62	Mode controller, 12 way in 62.5/125µm fiber with FC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-12-MTP-50	Mode controller, 12 way in 50/125µm fiber with MTP connectors on input and output; 19 inch rack mountable enclosure
MC-MW-12-MTP-62	Mode controller, 12 way in 62.5/125µm fiber with MTP connectors on input and output; 19 inch rack mountable enclosure
MC-MW-12-SC-50	Mode controller, 12 way in 50/125µm fiber with SC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-12-SC-62	Mode controller, 12 way in 62.5/125µm fiber with SC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-08-FC-50	Mode controller, 8 way in 50/125µm fiber with FC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-08-FC-62	Mode controller, 8 way in 62.5/125µm fiber with FC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-04-FC-50	Mode controller, 4 way in 50/125µm fiber with FC connectors on input and output; 19 inch rack mountable enclosure
MC-MW-04-FC-62	Mode controller, 4 way in 62.5/125µm with FC connectors on input and output; 19 inch rack mountable enclosure

