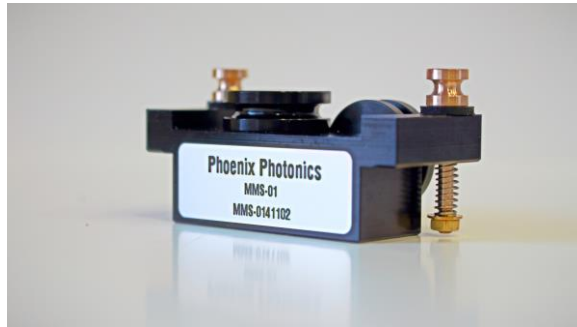


Few-Mode Fiber Mechanical Mode Stripper



Product Overview

The mechanical mode stripper is designed for use with few-mode-fibre to highly attenuate higher order modes, whilst allowing the fundamental LP₀₁ mode to propagate with minimal loss. This enables LP₀₁ filtering giving a high quality mode prior to mode conversion. For example, with an LPG, or prior to coupling to single mode fibre outputs. It is simple to use and can be inserted at any location in the system by winding the fiber around the bobbins and fixing.

Technical Details

SPECIFICATION	Units	
Wavelength	nm	1520 - 1640
Excess Loss ¹ (LP ₀₁)	dB	<0.2
Return Loss ¹	dB	>60
Operating Temperature Range	°C	-5 to 70
Storage Temperature	°C	-40 to +85

Notes

- Losses do not include connectors.

Features & Applications

FEATURES

- High loss LP₁₁, low loss LP₀₁
- Compact design
- High mode isolation
- Low loss

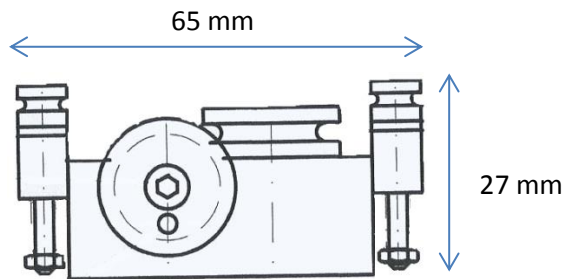
APPLICATIONS

- LP₀₁ filtering prior to higher order mode conversion
- Mode division multiplexing/demultiplexing
- Few-mode fiber component test
- Few-mode fiber sensors

For more information please contact Phoenix sales:
sales@phoenixphotonics.com or visit us at
www.phoenixphotonics.com

Dimensions

All dimensions are approximate and may vary slightly.



Ordering Information

M	M	S	-	01
---	---	---	---	----

For more information please contact Phoenix sales:
sales@phoenixphotonics.com or visit us at
www.phoenixphotonics.com