

# Few Mode Fiber Isolator



### Product Overview

Phoenix Few-Mode-Fiber (FMF) isolators are part of the fiber component range for 3-mode (LP<sub>01</sub>, LP<sub>11a</sub>, LP<sub>11b</sub>) and 6-mode (LP<sub>01</sub>, LP<sub>11a</sub>, LP<sub>11b</sub>, LP<sub>21a</sub>, LP<sub>21b</sub>, LP<sub>02</sub>) applications. The devices provide good isolation for all modes with low insertion loss and low modal cross-talk. Wideband, low insertion loss, low MDL.

### Features & Applications

#### FEATURES

- Good isolation
- Low mode cross-talk
- Low loss
- Low PDL
- 3 mode and 6 mode
- Scalable to higher order mode

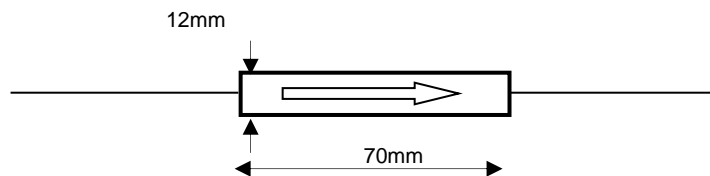
#### APPLICATIONS

- SDM systems
- FM-EDFA
- FMF sensors
- FMF system test & measurement

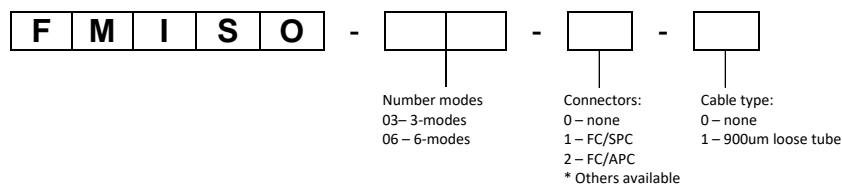
SPECIFICATION	Units	
Fiber	-	3-mode or 6-mode OFS Graded Index FMF
Operating wavelength range	nm	1530-1625
Isolation	dB	>30
Insertion loss <sup>1</sup> (all modes)	dB	<1
PDL	dB	<0.5
Back reflection	dB	>30
MDL	dB	<1

### Packaging Style:

Package 70x12x9mm



### Ordering Information



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