

# MPO ADAPTER

## Overview

Made in both die-cast and industry compliant thermoplastics, the MPO adapter is precision manufactured to insure intermateability with industry standard assemblies and connectors. Available with various flange styles, Amphenol MPO adapters are able to meet the challenges and mechanical requirements of highly dense system designs while maintaining industry standard footprints.

The flexible and practical design features, coupled with Amphenol's MPO cable assemblies, provide the perfect multi-fiber interconnect solution.



### Benefits

- Compatible with industry standard connectors
- All assemblies meet **TIA/EIA and IEC** intermateability standards
- MPO die-cast adapter is constructed with a one-piece body for increased durability and reliability and prevent EMI leaks
- Internal shutter that requires no activation for improved eye safety
- Quick and easy to install

### Features

- Available in multiple flange styles to meet various panel design requirements
- Optional, internal, fully automatic shutter mechanisms on both sides of the adapter
- Shutter requires no manual actuation
- Flange on die-cast version completely covers panel cutout
- Meets IEC 61754-7 and TIA/EIA 604-5 intermateability standards
- Accepts industry standard MPO/MTP® interfaces



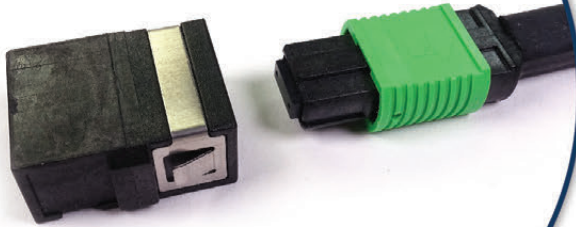
## Specifications

**Durability:** < 0.3dB Change, 500 Mating Cycles

**Operating Temperature:** -40°C to +75°C

**Storage Temperature:** -40°C to +85°C

**Intermateability:** IEC 1754-7 compliant. Meets TIA/EIA 604-5 mating standards. Intermateable with NTT compatible MPO products

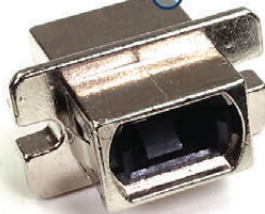


Connector w/ Adapter

Die-Cast  
Reduced Flange



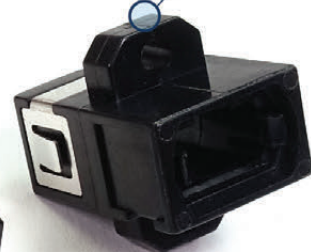
Die-Cast Shuttered\*  
Standard Flange



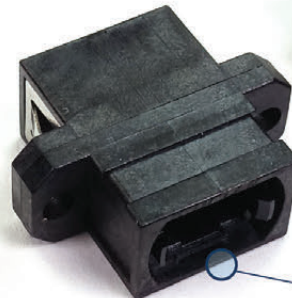
Die-Cast  
Rotated Flange



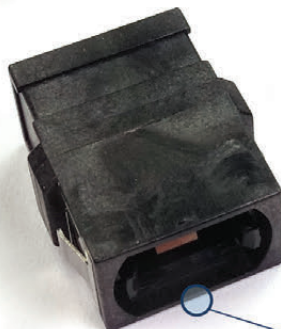
Plastic  
Rotated Flange



Plastic  
Standard Flange



Plastic Shuttered\*  
Reduced Flange



Plastic  
Reduced Flange



\*US Patent No. 6,688,780



# MPO ADAPTER

## Ordering Info

### Amphenol

Amphenol is the world's leading interconnectivity provider. Founded in 1932, Amphenol designs, manufactures, and markets fiber optic, electrical, and coaxial interconnect products. Amphenol products are engineered and manufactured in the Americas, Europe, Asia, and Africa and offered through a worldwide sales and marketing organization.

### Experience

As a manufacturer with over 80 years of interconnect design and development, Amphenol leads innovation in connector technology. Utilizing this experience, Amphenol is able to develop a cost effective end-to-end solution to satisfy a customer's full connectivity and cabling needs.

### Reliability

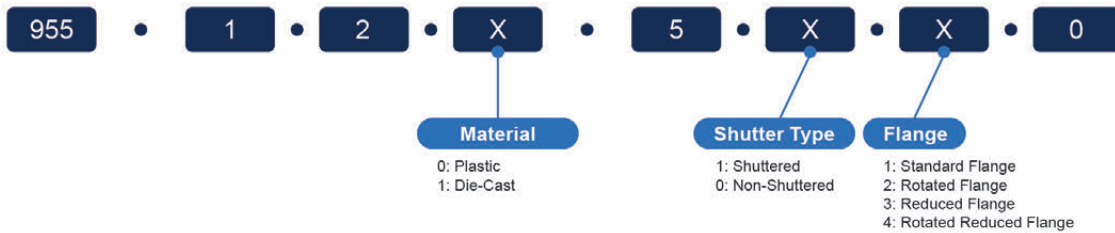
Amphenol has a long history of total quality performance. Our high quality products, helpful customer service, and dependable product support from design through production result in satisfied customers.



Internal Shutter\*

\*US Patent No. 6,688,780

## PART NUMBER SUMMARY



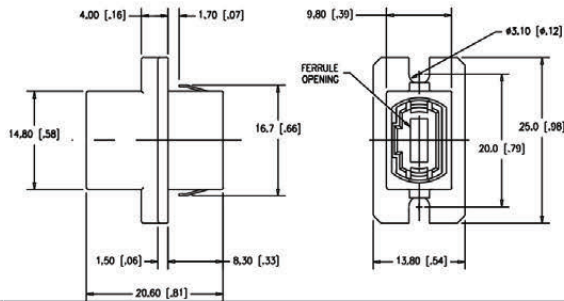
MPO Adapter Pack

# MPO ADAPTER

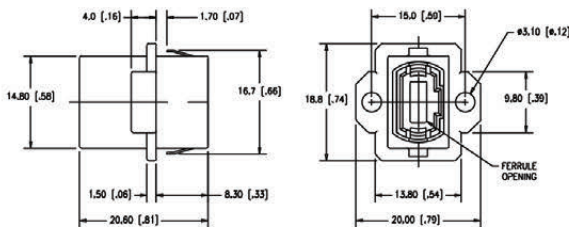
## Engineering Drawings

### Die-cast Adapters

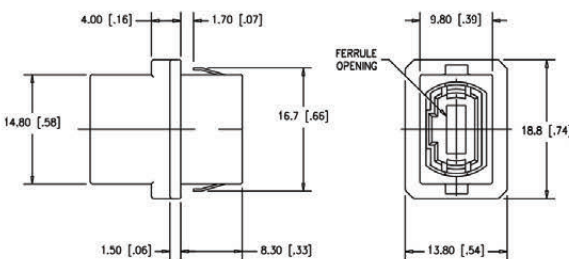
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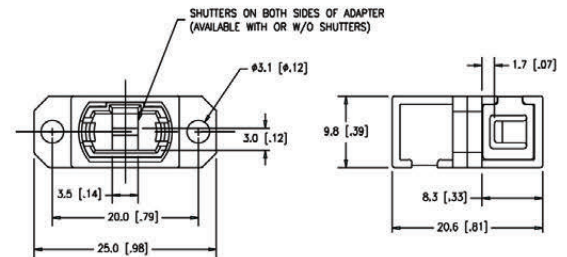


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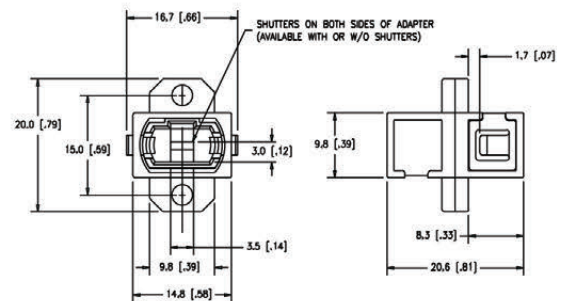


### Plastic Adapters

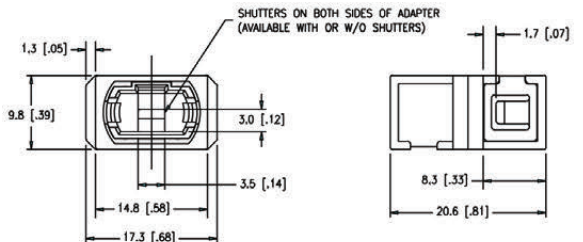
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**955-120-5X40**

